

GREENHOUSE STRUCTURES Catalog 2022



Leader in Green Industry Distribution

BFG is truly your single source supplier!



Founded in 1972, BFG Supply has a long history of serving the Green Industry including professional growers, lawn & garden centers, landscapers, and indoor growing stores. As an established industry leader, BFG provides the highest levels of customer service, the broadest product range, and innovative technology solutions. BFG is a true single source supplier for all of your Green Industry needs from watering tools and control solutions to multi-acre fully integrated professional greenhouse structures.

In a world full of change you can take comfort in knowing that BFG Supply is focused on caring for your business needs. We look forward to providing the best customer service in the industry and supporting the growth of our customers.

- In business for 50+ years with Industry leading customer service
- Focus on the Professional Grower, Independent Lawn & Garden, Controlled Environment Agriculture and Hydroponic industries
- Professional field sales force dedicated to customer success
- Broad product selection with 15,000+ skus in stock and 100,000+ skus available to order
- Seventeen modern distribution facilities to efficiently serve customers
- Leading technology to improve ordering and delivery efficiency

lodau

BFG Supply Co. is the best it has ever been and continues to grow with a strong vision for the future. We look forward to helping

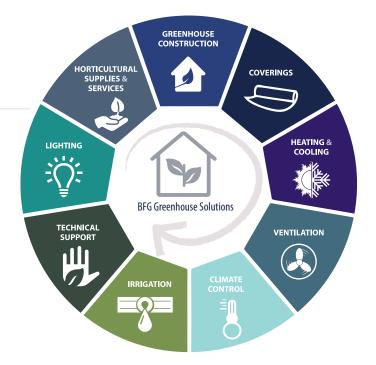
BFG Supply Co. 14500 Kinsman Road, Burton OH 44021 • (800) 883-0234 • www.bfgsupply.com • info@bfgsupply.com

BFG Greenhouse Construction and Solutions

The BFG Greenhouse Solutions Team assists growers all across the United States with their greenhouse structure needs. Everything from the design, planning, construction and maintenance of new or existing sites, upgrades or remodels, our team is excited and ready to help! We offer a full range of products that include:

- Greenhouse Construction
 - Irrigation
- Coverings
- **Technical Support**
- Heating & Cooling
- Lighting
- Ventilation **Climate Control**
- - Horticultural Supplies & Services

Our experienced team has the technical expertise to guide you through the process and provide the information you need to make the best choice for your operation!



Tap Into Our Resources

Our team is committed to you! Whatever wants or needs you have we are here to help and make the process as seamless as possible. Whether it's a re-cover, improving efficiencies or complete installation, we take pride in providing the resources you need.

Over 4 Decades of Experience

With our team of dedicated professionals, BFG brings decades of experience to each project. Based on our proven success in numerous installation projects we know we can put your mind at ease.

The BFG & DeCloet Advantage

- Highly engineered to reduce installation labor
- Wide bay spacing available in order to maximize production greenhouse efficiency
- Superior gutter design to reduce corrosion and maintenance
- 11 Gauge heavy gutter provides added strength and structural integrity
- Posts, gutters and trusses are galvanized after manufacture for longer rust-free life
- One piece oval bows provide consistency in strength and integrity, available on 4ft and 6ft centers
- Custom designs to meet your special requirements and maximize your footprint
- Available in widths of 18ft, 21ft, 24ft, 32ft, 36ft, 42ft and 48ft
- Single, double, triple span up to 48ft wide





From start to finish, we can provide you the best solutions and service available in the market.



From Concept to Completion

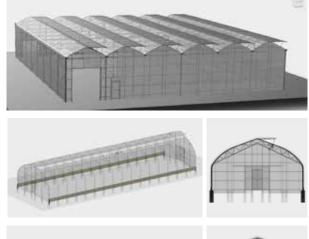
Having control of your growing facility makes all the difference. The BFG approach is to begin with your end goal in mind and work together to design and engineer the perfect structure and systems. With a BFG controlled environment greenhouse you'll have the optimal growing environment for your crop, *whatever that maybe*.

Consulting

Before you get started, you should know where to start. BFG provides complete solutions and our services span across all phases of operations - from design to growing/cultivation, and we can assist you plan for future expansion saving valuable time and money.

Systems & Controls Integration

The BFG design philosophy revolves around systems Integration: each grow facility corresponds to a system of systems, each one optimized and integrated to work together. Every element must be in perfect balance for the highest level of control so you can consistently raise high-yield crops.







Featured project: Plantpeddler Phase2 Step2 – Cresco, IA

Structure: Custom DeCloet 8 bays of 43ft wide x 216ft long double poly roof Roof vents & vertical vents – providing EXCELLENT natural ventilation Custom connector to existing building Growing Facility integrated with Loading Docks *Total Space: 77,000 sf* Pictures below represent – conceptual design, elevation drawing, docks (external and internal) and full rotation of PREMIUM crops: spring, summer/fall crops and poinsettia crop.









Plantpeddler (Cresco, lowa) "We are a year into our first DeCloet greenhouse structure and have completed the first full rotation of finished crops through the open roof ventilated structures. The quality and consistency of the plants produced in this structure have been spectacular. We have been working with BFG for many years and knew that the combination of the DeCloet structure and the BFG support would not disappoint. From the ease of construction to the terrific communication and support from both BFG and DeCloet, that premonition definitely held true." Jason Sbiral (Facility Manager)



CUSTOMER Testimonials

Meadowridge Inc (Zeeland, MI) – "We have been building DeCloet Greenhouses with BFG for over 20 years, these strong structures are well built and able to withstand the harsh west Michigan winter conditions. DeCloet's greenhouse design has fewer parts than most making it easier and more efficient to build. We really like the 36ft double peak with 2 roof vents per bay, we also have integrated our production and shipping space easily and efficiently using the same greenhouse frame. We look forward to using BFG and DeCloet for our future structure needs."

Darrell Norris Greenhouse (Racine, OH) -"Looking back, selecting BFG & DeCloet Greenhouses was one of the best decisions we made. The DeCloet Greenhouses are tough and built to withstand our climate. They go together easy and when we are ready to add more square footage their expandability is great. The BFG team is truly the best, from providing the greenhouse design to construction, furnishing the proper greenhouse equipment and last but not least plant grower expertise, BFG has the experts we need. We value our relationship and we see BFG as a partner in the supply chain of horticultural supplies, we work together and succeed together. I would recommend the BFG Greenhouse Solutions team to anyone looking for a greenhouse and horticultural supplies."

Brower Greenhouse (Hudsonville, MI) – "We have been building greenhouses with BFG and DeCloet since 1991, the heavy duty structure from DeCloet combined with the products and services BFG has to offer have been a winning combination for our company. Whether it's construction or supply needs, we truly value our relationship and will continue to do business with DeCloet and BFG Supply in the years to come." Production Greenhouse



We know that time is money and we can tailor our services to meet your needs. You can spend your time focused on quality plant growth and we'll focus on building you a quality greenhouse! Our goal is to provide you a piece of mind throughout the design, planning and implementation of your project.

Whether you are looking for professional advice **OR** complete greenhouse solutions, BFG is at your service. Between our exclusive brands and supplier partners we have the latest structures, equipment and controls to make your production facility efficiently produce outstanding crops. In addition, our team also puts emphasis on streamlining product flow in and out of your facility to help ensure a faster return on investment.

Retail Garden Center Scan to

BFG understands the importance when it comes to Retail Greenhouses. It's not just about having the best merchandising, it's about providing a comfortable shopping experience in a setting that is pleasant for your customers and efficient for your staff.

Our team and expertise does not stop once construction is done. BFG supplies Garden Centers nationwide with the latest and most innovative products but we all know it starts with a sound design. That is why we begin each project with the full picture in mind, from curb appeal to product flow to environmental impact. The BFG solutions team will guide you from the design stage to the day you open your doors!

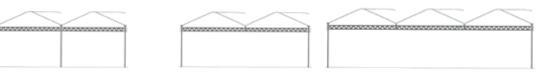
Production Greenhouse

Gutter Connected

DeCloet Gutter Connected Greenhouses are custom designed to meet your needs as well as your crop requirements. Complying with all industry building codes, DeCloet's gutter connected ensures a strong and long lasting growing environment.



- 11 Gauge heavy-duty metal gutters provide added strength to structurally withstand the elements. They are incredibly strong and large enough to walk in, but small enough to minimize shadowing. Posts, gutters and trusses are all galvanized after they've been manufactured to ensure a longer rust-free life.
- One piece oval bows provide consistency in strength, integrity and ease of construction, available on 4ft and 6ft centers
- Highly engineered design for faster and easier assembly and construction
- Exclusive and unique design reduces clutter and maximizes growing space
- Increased light transmission
- Expandability: When you want to expand, you can easily do so without disrupting your existing growing business
- The gutter is designed for expansion and does not require disassembling existing houses
- This is the most economical greenhouse for a large operation
- Custom Sizes Available, including up to 48ft available



Standard Gothic 18ft 21ft 24ft

Twin & Triple Peak Geries 28ft 32ft 36ft 42ft 48ft



Max Cool

Max Cool is DeCloet's solution for growers that want to maximize their productivity and efficiencies. The Max Cool is a gutter connected structure.

- Triple Peak 42ft wide frame
- Similar cooling to an open roof structure
- Raised rack and pinion system
- Leading edge of the vent can be raised from the gutter to above the peak
- Maximum cooling
- Proven reliable ridder rack and pinion system
- Easy to cover with 16ft poly tubes
- Up to 35% vent to floor space ratio





Venlo Glass

DeCloet's world class Venlo Greenhouse combines European design and North American engineering providing a structure with the latest in design for maximum light transmission and a lifetime of successful production. With the tempered glass roof and aluminum glazing system, you get the best value and the least maintenance for your business. It offers our clients a structure capable of withstanding extreme climate conditions with long term protection. The diffused glass option has been a popular option among our latest projects improving the environment climate and increasing production.

The DeCloet Advantage

- Hot dipped galvanized steel structure
- Aluminum roof and sidewall glazing bars
- Clear or diffused tempered glass
- Under gutter height up to 24ft
- Up to 42ft wide triple peak
- Push/Pull vent system







Freestanding

Freestanding Greenhouses, also called Ground to Ground, are suited for professional growers who require unique environments for different crops. They provide the economical growing space and versatility needed. DeCloet's Freestanding and cold frame greenhouses are affordable and versatile structures. With a wide variety of options and sizes available, these greenhouses are practical and easy to assemble.



Freestanding Ground To Ground Options

Gunmaster 24ft 27ft 30ft Widths

Used as both a cold frame and grower house, this series represents our most practical and cost-effective greenhouse. It comes with our exclusive oval tubing for the roof and a full selection of options. Available in 4ft and 5ft bow spacing.

Growers Choice 30ft 35ft Widths

Excellent for both growing and as a retail house. It is stronger than anything else on the market, featuring all welded truss style hoops in the roof, with taller sidewalls. Designed to hold more hanging baskets than any other structure.

Grow Max 30ft 40ft Widths

This webbed truss design offer more benefits and features. Features include more weight support, standard 50lbs snow load on 6ft centers, 7-12ft high straight sidewall above grade. Increased hanging basket capacity.





Cold Frames

These 14ft and 15ft cold frames are designed for overwintering nursery stock or as a temporary growing area. An optional extended stake package is available for extra height. The house can be purchased without stakes and can be made portable by using a baseboard to connect the bows. Most often used with a single purlin with hoop/bow spacing at 4ft O.C. to help eliminate pocketing. (Build your own endwall to complete the structure). Simple design for easy installation. Add-on options include: purlin runs and baseboard clamps.

Cold Frame Bows & Structures

14ft Bow

For Center Height: 6ft 5in Without Stakes - Use 24ft Poly For Center Height: 8ft 5in with 48in Stakes - Use 28ft Poly *GSA01540* Stocked in Kalamazoo, MI

15ft Bow For Center Height: 7ft - Use 24ft Poly **GS98-1000A** Stocked in Burton, OH

Grower



For a complete Grower Select cold frame quote Please contact your BFG Representative

High Tunnels





High tunnels are used to extend the growing season by providing protection for early or late season production, or they may be used for year-round growing. High tunnels are becoming increasingly more popular due to the low start-up cost and quick rate of return on investment. They are a quick and inexpensive way to lengthen your growing season, protect your crop from pests and disease, decrease water usage and increase your crop yield.

Options are available with a roll-up side for optimal ventilation and ease of use. Choose from economical frame-only pricing or standard package pricing to finish your structure. Hoop spacing is available in 4ft or 6ft sections depending on the manufacturer and it can be designed to best fit your use and the needs of your location.





Roof & Side Vents

Ventilation is an essential component for the greenhouse growing environment. Types of ventilation can be forced air or passive ventilation. When designing a new greenhouse, we always take into consideration the passive ventilation incorporating roof & side vents to increase air flow and produce excellent quality crops.

We have the leading-edge technology for gutter vents in the greenhouse industry. We offer raised rack and pinion systems to ensure plenty of room for heat retention systems as well as hinged shaft hangers for easy maintenance in your gutter connect or ground to ground greenhouse.

If your greenhouse does not offer satisfactory ventilation, our team can offer retrofitting options to enhance air flow with your existing structures. Our retrofitting packages are easy to install and will provide significant improvements to your existing structure.





Remodeling & Improvements to Increase Efficiency

BEFORE



Our team has the experience to provide options for your existing structures and ways to help improve your efficiencies. We can assist with improving air flow, improving product flow and the presentation of your greenhouse.

What Are You Looking For?

- Retro fit roof vents for your existing structure
- Rollup or vertical side or end vents
- Recover your gable ends & sidewalls
- Connect your freestanding greenhouses with a header house
- Add loading docks
- Replace old doors



AFTER











Retail Garden Centers

Garden Centers

Our Retail Garden Center Structures are a combination of beauty and efficiency. The curb appeal alone will make an impression and attract customers but if you combine that with great ventilation and lighting you are sure to create an enjoyable and memorable shopping experience.

Extending beyond the shopping area, we take into consideration the replenishment area making sure that you have an efficient space to stage and replenish inventory. Coverings available include glass, polycarbonate, poly and steel roofing perfect for displays, warehouses, offices, utility rooms and more.





Rimol Matterhorn

The Rimol Matterhorn stands alone as our most attractive Garden Center Structure, rugged and traditionally peaked styled gutter-connected greenhouse. The Matterhorn greenhouse is a high-quality, strong and attractive structure ideally suited for garden centers, growers and schools in any climate in North America. The Matterhorn can withstand heavy snow loads and wind loads, which means you can get a good night's sleep during even the worst winter storms. It offers different glazing options to fit your budget and presentation desires.

The Rimol Matterhorn makes an excellent choice for Garden Centers!

Available in 20ft, 24ft & 30ft widths

- Lean-to style available in 10ft, 12ft and 15ft widths
- Typical truss spacing on 12ft centers allows for any length in an increment of 12ft
- Super easy to assemble beginning with starter column installation. Four footlong starter column is used for setting the lower section of the column, then the remaining length of column is spliced for an easy installation
- Columns with base plates available
- Columns are 4in x 4in, 13ga galvanized steel
- Non-welded trusses are quality assurance when assembled and allows for easy shipping and assembly
- Trusses consist of 2in, 15ga and 1.5in, 16ga galvanized steel
- Extra purlins near gutter provide additional snow load support in Northern climates. This prevents premature wear on polycarbonate and eliminates leaking
- 6/12 roof pitch
- Large 12ga steel gutter allows easy access to roof and downspouts. They are designed to be located anywhere in the gutter for maximum flexibility
- Can be glazed with 8mm polycarbonate, corrugated polycarbonate, polyethylene film or glass (walls only)







Benching

Grower Select® works with some of the largest and most well-known retailers to provide them with benching that is efficient, flexible and presentable. You can no longer afford to use cement blocks and 2ft x 4ft's to produce a quality product and image. We've produced double deck benching, modular benching and benching with re-supply racks underneath. Our retail benching features complete coverage of the sharp expanded metal ends, corner protectors and plastic caps on all legs and tube ends.

Our production benches feature a 20lb/sqft load capacity and have 3/4in pregalvanized expanded metal tops. Our special aluminum side rails completely cover all of the sharp expanded metal edges, no more torn pants with our corner protectors! We produce thousands of square feet of rolling benches every year. Our benches can be rolling or stationary, freestanding or cemented. We can usually customize to fit your needs at a very economical price.



GrowerØSelect[®]



Bench

Polytex Shade Systems & Garden Center Packages

Permanent Retail Greenhouses

Seasonal Retail Greenhouses

Commercial Greenhouses

The Garden Mart

Designed to be a modular, low-cost, sales building for added spring plant sales. Our most popular selling model has been engineered for superior strength, easy future expansion and simplified setup. It offers protection for your plants and shopping comfort for your customers.

Width: 21ft

- Height to apex: 11ft 4in
- Length: 24ft-96ft (in 6ft increments)
 - Frame spacing: 6ft
- Sidewall height: 6ft
- Door: 6ft wide x 6ft 8in tall

Sunstopper

The Sunstopper will protect your valuable product from over exposure and windburn, while reducing water requirements. It features straightforward assembly, options for future expansion and is built tough with 2.5in x 12 gauge, galvanized steel for years of trouble free service. The Sunstopper is also offered in custom configurations to meet your existing layout.

20ft x 20ft	40ft x 40ft	60ft x 60ft	100ft x 100ft
20ft x 40ft	40ft x60ft	60ft x 80ft	200ft x 200ft
20ft x 60ft	40ft x 80ft	60ft x 100ft	





Sun Shadow

The Sun Shadow is designed to be the simple, low-cost shade solution for your seasonal garden center. Protect your plants from the sun and provide a cool, comfortable shopping environment for your customers. The easy-to-assemble, modular design features galvanized steel construction and an extended base plate that allows you to use your palletized product for hold-down.

20ft x 20ft Custom Sizes Available.

Shade W Truss

The W-Truss is a sturdy shade structure for your plants and customers. Increase customer comfort and reduce the amount of water used and time spent keeping your live product in top-selling shape. Its rugged 3in x 3in vertical posts combine with a strong horizontal truss system to give you one of the best built and most attractive shade structures on the market. It comes standard in 20ft x 20ft blocks with 30%-90% shade cloth and can be customized to fit your exact needs.

20ft x 20ft	40ft x 40ft	60ft x 60ft
20ft x 40ft	40ft x 60ft	60ft x 80ft



Institutional Research & Educational Greenhouses

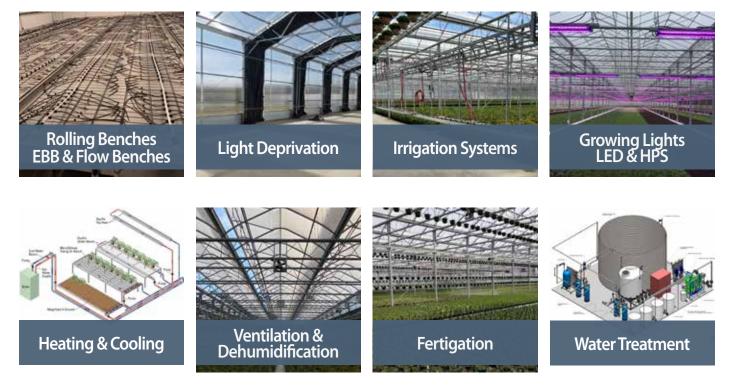
BFG and its partners design and manufacture education, teaching and research greenhouses. We can help you design your research or education research facility no matter the size. We work with schools around the country and know what is important to the end user: quality, safety and long-lasting performance. We have experience in designing and building state-of-the-art research facilities as well as small greenhouses for a high school program or other educational and developmental programs.





Controlled-environment agriculture (CEA) is a technology-based approach toward food production utilizing greenhouses structures or a building/grow room to provide protection and maintain optimal growing conditions throughout the development of the crop. Plants are often grown using hydroponic methods in order to supply the proper amounts of water and nutrients to the root zone. CEA optimizes the use of resources such as water, energy, space, capital and labor.

BFG offers a complete line of systems for CEA/Indoor Growing and can help you design and implement an efficient system where you'll have the optimal growing environment for your crop, whatever that maybe.



DeCloet Greenhouses are a great option for CEA. They were originally designed with the purpose of growing vegetable crops hence its heavy-duty design to support hanging systems. Even with the market changes over the last few decades, DeCloet maintained its heavy-duty design making our structures perfect for today's changes and CEA providing protection and maintaining optimal growing conditions throughout the development of the crop.

When we look at lights and lighting, Greenhouses are by far the best way to raise and cultivate crops. Greenhouse structures allow growers and cultivators to harness the power of the sun maximizing the natural lighting combined with supplemental lighting.

Lighting Design: BFG partnered with LED cutting edge technology companies to provide you the best lighting solution. We can customize systems to optimize production and minimize costs using new technologies, traditional technologies and a hybrid between the two: HPS/ LED



CEA Indoor Growing

BFG experience integrating systems really comes handy when connecting greenhouses with buildings and processing facilities. We can apply proven concepts of horticulture and floriculture to new crops; such as efficient ways to handle soil and soiless media, fertilizers, crop protection and plant care.

We bring decades of proven successful practices that can applied to novelty crops allowing you to be more competitive in constantly changing and evolving markets. Talk to one of out Experts about your Next CEA/Indoor Growing Project!

Lighting Deprivation Systems

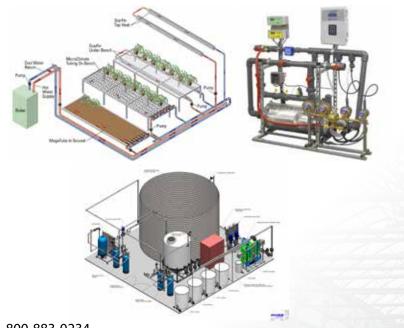


Cooling Systems With Integrated Lighting Control



Colling Systems / Fertigation Systems / Water Treatment Systems

Ventilation Systems









Bench Growing Systems – EbbFlow | Expanded Metal | Ultra Plastic | Stationary | Rolling



Our team has the ability to provide the best greenhouse structure solution for your needs in:

Aquaponics Hydroponics Aeroponics Aquaculture Vertical Farming

Featured project: DeCloet Venlo with diffused glass Phase 1 completed Summer 2018 – 50,000 sf Phase 2 completed Fall 2020 – 100,000 sf







Grecial Purpose Greenhouse

DeCloet Greenhouse Mfg Ltd has supplied many growers with special custom designed and manufactured greenhouse structures to be used for reasons other than growing. These special houses can be used for a variety of purposes, such as, mechanical rooms, head houses, shipping/staging areas and loading docks.

Custom Options

- Wide post spacing up to 48ft
- High side wall heights
- Multitude of roof coverings may include shaded polycarbonate or steel roofing with insulation
- Natural ventilation or exhaust fans
- Large overhead doors
- Loading docks
- Warehouse & Storage Spaces









BFG offers a wide variety of resources outside of the design, planning, construction and maintenance of a greenhouse. Our full portfolio of offerings include greenhouse structures, coverings, ventilation and heating equipment, shading systems, benching, environmental controls, lighting, irrigation and fertilization.

BFG has assembled a team of all-stars who, you could say, bring you tried and true growing methods mixed with the perfect dose of cutting edge technology! We can provide you with structures that will have an ideal flow for supplies from the time they come in all the way to the finished crop leaving your doors. BFG has the full array of components providing you with the best available and complete greenhouse projects. After your structure is completed we can provide you with ALL your growing needs, as we have for the last 45 years!







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GREENHOUSE STRUCTURES

2022



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Contact your BFG Sales Rep today for a comprehensive consultation!

WE STREET

For more information please call (800) 883.0234 email: greenhousesolutions@bfgsupply.com or visit www.bfgsupply.com today!