

BioTherm

Trusted Climate Partners for Over 45 Years



Sterling HVAC Products High-Efficiency Unit Heaters

Sterling unit heaters deliver efficient, reliable heating for greenhouses, with models ranging from 30 to 400 MBTUH and up to 93% thermal efficiency. Built for durability and easy maintenance, they provide consistent warmth to protect crops and support healthy growth. Ideal for both primary and supplemental heating needs.



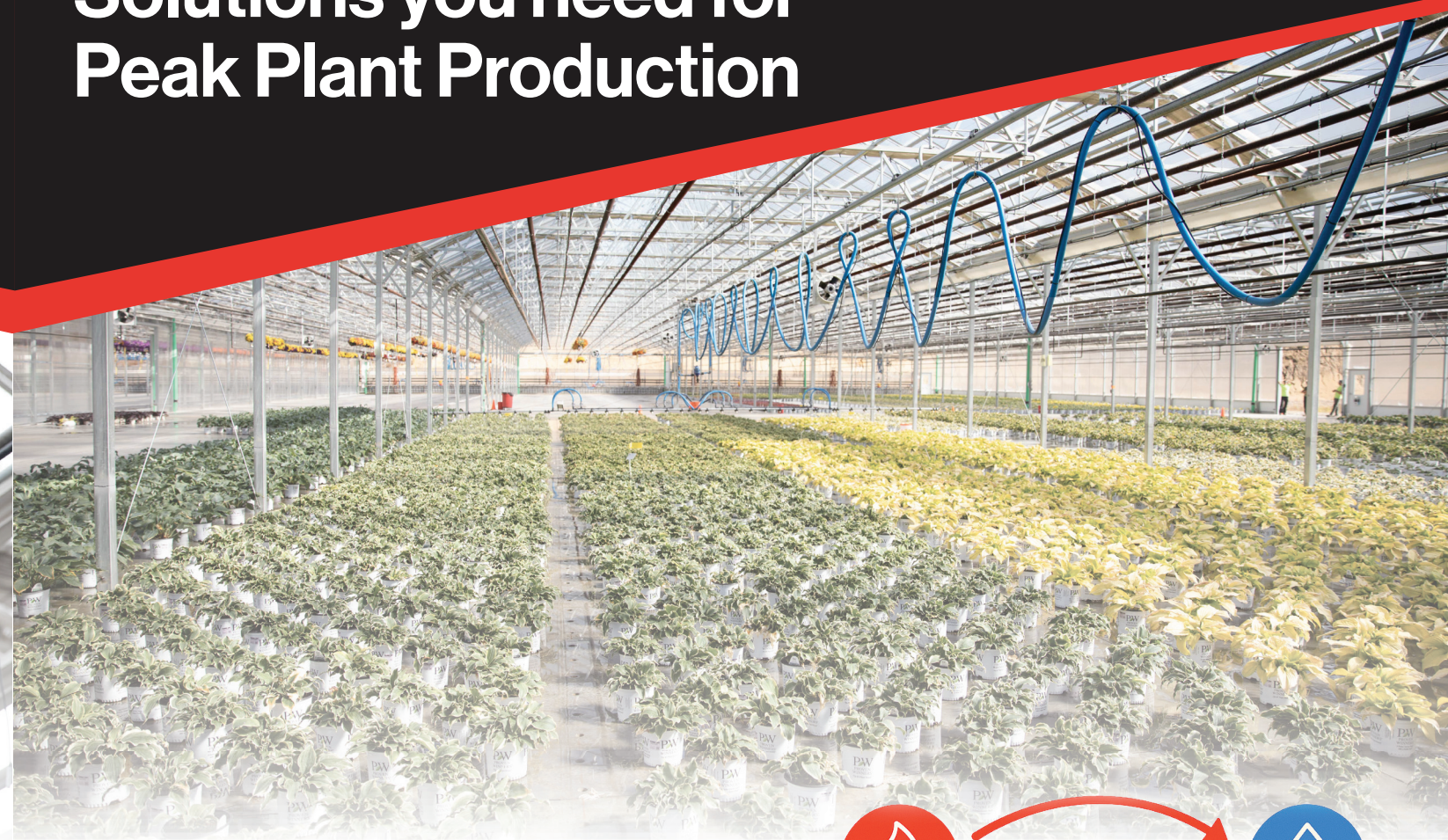
- Separated combustion is standard
- Available with two stage or full modulating fire
- 10 year warranty on all Sterling units
- All units are made in USA



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BioTherm

Solutions you need for Peak Plant Production

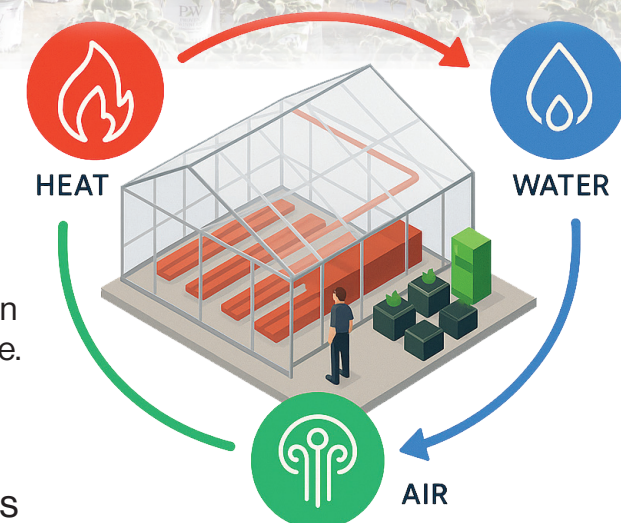


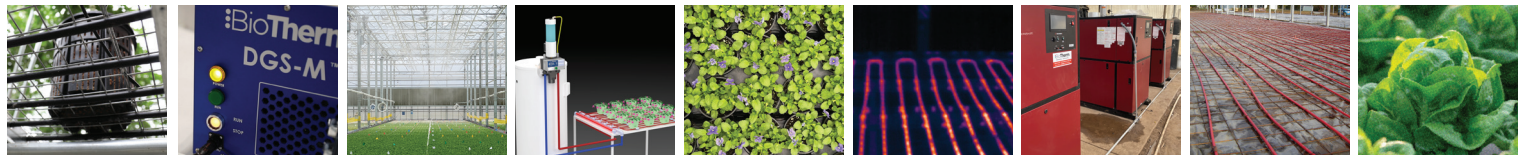
Creating the Perfect Ecosystem for Optimized Plant Success

With over 45 years of unparalleled experience, BioTherm has been at the forefront of revolutionizing greenhouse climate technology. Our mission is to empower growers to craft their own ideal weather, fostering the perfect ecosystem for plants to thrive.

Our Systems:

- | | |
|--|--|
| ✓ Heating Systems | ✓ Low-Mass Boilers |
| ✓ CO2 Enrichment | ✓ Flood Floors |
| ✓ Dissolved Oxygen | ✓ Plantcentric®
Controlled Environment Arcade |
| ✓ Irrigation Tempering | ✓ Ultimate Grower
Climate Control System |
| ✓ Air Conditioning &
Dehumidification | |





Heating Systems

Deliver efficient, even heat exactly where your plants need it. Our hydronic systems use hot water to cut energy costs and boost crop quality.

Bench Heat *In-Bench, On-Bench, Under-Bench* | Roll'N Grow®, MicroClimate™, DuoFin™

Floor Heat *In-Floor, On-Floor* | GreenPEX, Roll'N Grow®, MicroClimate™, MegaTube™

Space Heat *Gutter, Perimeter, Space* | StarFin™, DuoFin™, SunFin™, Unit Heaters

Crop Heat *In-Crop, Cart Rail* | DuoFin™, 51mm Steel Pipe

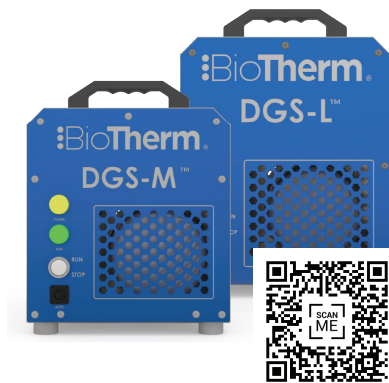


CO2 Enrichment

Large CO₂ System (Boiler Exhaust Integration):

Capture and redirect clean boiler exhaust to enrich your greenhouse with CO₂—boosting plant growth while maximizing energy efficiency from your existing heating system.

C-Gen (for up to 10,000 sq. ft.): The compact C-Gen delivers clean-burning CO₂ enrichment ideal for smaller growing sections, promoting faster, healthier plant growth in a simple, plug-and-play skid.



Dissolved Oxygen

Infuse your irrigation water with high levels of dissolved oxygen to enhance root uptake, boost plant vigor, and improve yields—without clogging or added maintenance.

Our DGS Series and OGS systems deliver reliable oxygenation for any size operation, from small grows to large-scale facilities. Easy to install and compatible with most fertigation systems, they're a powerful tool for maximizing plant health and performance.



Irrigation Tempering

Temper irrigation water to prevent root shock and support nutrient uptake—ideal for high-volume operations. Customizable and fully integrated for consistent water temps and healthier crops.

Our compact plug-and-play irrigation tempering skid tempers irrigation water to reduce plant stress and root damage. Designed for under 100 GPM, it installs fast and runs with low maintenance.



RBI Low-Mass Boiler Systems

Low-mass boiler systems deliver high-efficiency, on-demand heating while taking up minimal space—making them ideal for greenhouses with limited mechanical room.

These compact systems heat more area with less footprint and respond quickly to temperature changes, reducing energy waste. With low-temperature options and rapid heat delivery, they're a smart choice for growers seeking precision, performance, and space-saving design.



Flood Floor Systems

Flood and cascade floor systems provide uniform, bottom-up irrigation that promotes healthier root development and reduces water waste. Ideal for ornamental and potted plant growers, these systems automate watering and drainage, improving labor efficiency and crop consistency. With customizable zones and cycle control, flood floors create a cleaner, more controlled growing environment. They also reduce disease risk by keeping foliage dry and minimizing standing water.



Air Conditioning & Dehumidification Systems

Our advanced AC and dehumidification systems are engineered to manage both temperature and humidity in greenhouses and indoor grow spaces. These integrated climate solutions maintain ideal VPD levels year-round, helping reduce disease pressure and optimize plant growth. Energy-efficient and scalable, they deliver reliable environmental control for any size operation. Optional heating and filtration modules make them a complete solution for year-round indoor cultivation.



PlantCentric® & Ultimate Grower Climate Control Systems

The PlantCentric™ system is a compact arcade installed at the end of the greenhouse, delivering conditioned air through under-bench polyducts for uniform airflow directly to the plant zone.

The UGCC system uses Airdentro air handling units to distribute treated air evenly throughout the greenhouse, maintaining precise temperature, humidity, and airflow. It's a powerful, integrated system for growers seeking full-environment control.