

ARCADIA

← GLASSHOUSE →

Custom Greenhouses and Conservatories





Arcadia GlassHouse 14x36 with 12/12 pitch

The Arcadia GlassHouse Difference

Arcadia GlassHouse is a premier USA manufacturer of custom glass greenhouses, conservatories, and DIY greenhouse systems.

Founded in 2004 and based in Madison, Ohio, our company designs and manufactures high-quality glass greenhouses that balance refined architecture with proven engineering. From the beginning, the focus has been on durable materials, precise construction, and thoughtful design to create dependable growing spaces that integrate naturally with their surroundings. Our major structural components are manufactured in the United States.

Over the years, projects have been completed throughout the United States, including garden greenhouses, conservatories, educational installations, and public spaces. Each project is approached with careful attention to function, proportion, and architectural integration, ensuring every greenhouse performs as beautifully as it looks.

Today, our product line includes three distinct greenhouse series: Arcadia GlassHouse, Sierra, and Lord & Burnham. Together, these series allow projects to be tailored to different needs while maintaining a consistent commitment to quality, performance, and long-term value.

Not all greenhouses are built the same. At Arcadia GlassHouse, ours are designed, engineered, and built the way they were meant to be: strong, energy-efficient, architecturally beautiful, and made to last for decades.

With a unique combination of horticultural expertise, structural engineering, and American craftsmanship, your greenhouse will be a place for plants to thrive and one of your favorite spaces to spend time.

We are excited to help you build your dream greenhouse.

ARCADIA GLASSHOUSE SERIES

Our Flagship Collection

Custom Architectural Greenhouses Designed and Built in the USA



The Arcadia GlassHouse Series is the heart of our brand and the greenhouse most homeowners choose. Each structure is crafted with premium materials, engineered for long-term performance, and designed to complement the architecture of your home and landscape. With custom sizing, a wide range of glazing options, and configurations that include freestanding, attached, and lean-to designs, Arcadia GlassHouse greenhouses offer the perfect balance of beauty, strength, and versatility.

From year-round growing environments to glass rooms designed for gathering, Arcadia GlassHouse structures deliver exceptional clarity, durability, and comfort. Every frame is built from heavy-gauge aluminum with welded trusses for superior structural integrity.

The Arcadia GlassHouse Series is not just a greenhouse; it is a long-term investment in your home, your garden, and your lifestyle.

Why Homeowners Choose Arcadia GlassHouse

Engineered Strength

Arcadia GlassHouse structures are built with a welded aluminum truss system engineered to meet established snow and wind load standards, with structural customization available for regional requirements. This design eliminates the need for interior posts, creating a clean, open interior ideal for tall plants, hanging baskets, and efficient air circulation.



Premium Glazing Options

Choose from 3/16" tempered glass, 8mm multi-wall polycarbonate, 16mm five-wall polycarbonate, or hybrid combinations. Full-length glass and polycarbonate panels eliminate leaks and create beautiful, uninterrupted sightlines.



Architectural Customization

Every Arcadia GlassHouse greenhouse is made to order. Customize the structure with reverse gable entries, cresting and finials, custom roof pitches, kneewall heights, and a variety of premium finishes to complement your home's architecture.



Lifetime Frame Warranty

Our extruded aluminum frames are built to last a lifetime. With stainless-steel hardware, EPDM rubber seals on glass, and a reinforced roof system, Arcadia GlassHouse greenhouses are designed to deliver reliable, worry-free performance for decades.



Arcadia GlassHouse Styles



Reverse gable glass roof 16x24 with 8/12 pitch

Freestanding Even-Span

A freestanding Arcadia GlassHouse greenhouse provides complete placement freedom and maximum light exposure. With glass or polycarbonate walls on all sides, this classic greenhouse form creates a striking focal point in your landscape. It is ideal for vegetable gardens, propagation, hobby growing, or an elegant retreat at the heart of your property.



Reverse gable attached bronze 10x16 with 6/12 pitch

Gable Attached

An attached Arcadia GlassHouse model becomes a seamless extension of your home. This configuration provides direct indoor access for year-round comfort and convenience. Attached greenhouses are perfect for growing, relaxing, entertaining, or creating a light-filled transition space that bridges indoors and outdoors.



White lean-to 8x16 with 3/12 pitch

Lean-To

Arcadia GlassHouse lean-to greenhouses are space-efficient and architecturally striking. Installed against an existing wall, these structures maximize warmth and natural light, making them ideal for citrus trees, tropical plants, and year-round growing in colder climates.

Glazing Options

3/16" Tempered Glass

Crystal-clear visibility with classic greenhouse appeal.

Thicker 3/16" glass provides added strength and has EPDM seals for long-term durability.

8mm Multi-Wall Polycarbonate

A lightweight, insulating material that diffuses sunlight and protects plants from harsh direct rays.

Ideal for balanced climates and efficient heating.

16mm Five-Wall Polycarbonate

Superior insulation with excellent thermal performance.

Recommended for colder climates or for growers who want to minimize energy costs.

Hybrid Glazing

Combines glass sidewalls with a polycarbonate roof.

This approach balances clear views with improved insulation.

Customization Options

These examples represent only a portion of the customization options available. Contact us to discuss your ideal greenhouse design.



Mill finish 16x24 with 10/12 pitch

Reverse Gable Entry

Add a dramatic architectural statement with a glass entry featuring transom windows and extended rooflines.



Reverse gable custom door 14x22 with 10/12 pitch

Cresting and Finials

Traditional greenhouse ornamentation that enhances the charm and character of your structure.



Black 10x14 with 6/12 pitch

Color Options

Standard color is mill aluminum. Premium colors are available in White, Bronze, Black, Green, and a wide range of custom colors to match or complement your home and surrounding landscape.



White 14x24 with 12/12 pitch

Roof Pitch Options

From low, contemporary profiles to steep, traditional rooflines, Arcadia GlassHouse structures can be engineered with roof pitches from 3/12 to 12/12.

Technical Specifications

Structure and Engineering

- Welded aluminum truss system
- 6' 10" standard sidewall height (custom available)
- Roof pitch options: 3/12 to 12/12
- Straight eave design
- Stainless-steel hardware
- Full-perimeter EPDM glazing seals on our glass
- Engineered to meet 30 lbs/ft² snow load and 105 mph wind load standards, with structural customization available to meet regional code requirements.

Configurations

- Freestanding even-span
- Gable attached
- Freestanding lean-to
- Attached Lean-To
- Compatible with kneewalls
- Custom sizing available

Glazing Options

- 3/16" tempered glass
- 8mm multi-wall polycarbonate
- 16mm five-wall polycarbonate
- Hybrid (glass and polycarbonate)

Venting and Climate Control

- Ridge and side vent options
- Double hung and awning windows
- Mechanical ventilation and air circulation systems
- Heating and cooling solutions, including evaporative cooling
- Supplemental lighting and automated irrigation systems

Warranty

- Lifetime frame warranty
- 10-year polycarbonate, 25-year glass

Is Arcadia GlassHouse Right for You?

Choose the Arcadia GlassHouse Series if you want:

- A custom greenhouse designed to match your home and lifestyle
- Premium glazing options tailored to your climate
- Timeless architectural design and long-term durability
- Freestanding, attached, or lean-to configurations
- Industry-leading engineering backed by a lifetime structural warranty



SIERRA SERIES

Ultra-Premium Collection

Four-Season Comfort, Architectural Refinement, and Superior Insulation



Our Sierra Series is the most advanced greenhouse collection offered. Designed for homeowners who want the highest level of year-round comfort, energy performance, and architectural refinement, Sierra models function as true four-season glass rooms with professional-grade growing capabilities.

Each structure is built with insulated double-pane tempered glass and a thermally broken aluminum frame, creating a comfortable interior environment even in extreme temperatures. This glazing and framing combination reduces heat loss, limits condensation, and significantly improves energy efficiency. Sierra structures feel more like conservatories or sunrooms than traditional greenhouses, while still supporting healthy plant growth.

Sierra greenhouses provide a premium aesthetic suitable for luxury homes, modern architectural settings, and landscapes where visual impact matters as much as performance. With customizable roof pitches, finish options, and structural configurations, the Sierra Series offers the highest level of personalization and engineering available in a residential greenhouse.

Why Homeowners Choose Sierra

Insulated Double-Pane Glazing

Sierra greenhouses use 7/8" insulated double-pane tempered glass, a high-performance glazing system that stabilizes interior temperatures and reduces energy use. This glazing provides clarity, thermal efficiency, and comfort that single-pane systems cannot match.

Thermally Broken Aluminum Frame

A thermally broken frame incorporates insulation directly into the aluminum structure. This minimizes heat transfer, helps maintain consistent interior temperatures, and significantly improves overall energy efficiency across all seasons.

Quiet, Comfortable Interior Environment

The insulated glazing and framing create a calm and quiet atmosphere. Interior acoustics are noticeably softer compared to standard greenhouses, making Sierra ideal for reading, relaxing, entertaining, or using as a multi-purpose four-season room.

Premium Architectural Appearance

Sierra models include refined finishing details that align with upscale residential architecture. Custom roof pitches, baked enamel finishes, and proportional framing profiles allow homeowners to tailor the design to complement their existing home or landscape.

Enhanced Year-Round Performance

With advanced insulation, Sierra structures support tropical plants, citrus trees, propagation, and hobby gardening without the temperature fluctuations commonly seen in standard greenhouses. For many homeowners, Sierra becomes a central living space used throughout the year.



Sierra Styles



Bronze 16x30 with 4/12 pitch

Freestanding Even-Span

The freestanding Sierra greenhouse provides a striking architectural presence in the landscape. With full perimeter light exposure, it creates a bright, comfortable interior suited for four-season growing or as a luxurious garden retreat. Its insulated glazing system makes it appropriate for cold climates and areas with significant temperature swings.



Lean-to with windows 10x18 with 4/12 pitch



Bronze 16x20 with 10/12 pitch

Gable Attached

An attached Sierra structure offers the convenience of a direct connection to the home. This configuration improves heat retention and provides easy access to utilities, making it suitable for use as a conservatory, extended living space, or a transitional room between the house and garden. The attached design also enhances energy efficiency by leveraging the thermal stability of the existing home.

Lean-To

The lean-to Sierra design delivers exceptional insulation and heat retention. Installed against a south-facing wall or sheltered outdoor space, it maximizes available warmth while maintaining a compact footprint. This option is ideal for homeowners seeking a high-performance greenhouse in a limited area or for those who want direct indoor-outdoor flow.

Glazing Options

7/8" Double-Pane Tempered Glass

This insulated glass unit significantly reduces heat loss and condensation while maintaining clarity. It is the defining feature of the Sierra Series and the primary reason for its superior comfort and year-round performance.

Low-E Glass Option

Available for homeowners in sunny regions who want additional protection from solar heat gain. Low-E coatings reduce infrared heat while preserving visible light transmission, making the greenhouse more efficient and comfortable in all seasons.

Customization Options



Gable attached 22x30 with 10/12 pitch

Roof Pitch Options

Multiple roof pitch selections ranging from 2/12 to 12/12 allow homeowners to match existing architectural elements or achieve a specific design aesthetic.



Curved eave 7x18 with 4/12 pitch

Color Options

Sierra models are available in bronze or white baked enamel to match or complement your home and surrounding landscape.



Reverse gable 18x38 with 10/12 pitch

Kneewalls

Brick, stone, or block kneewalls may be incorporated to add architectural weight, improve thermal mass, and integrate seamlessly with the home or garden design.



Bronze 10x26 with 6/12 pitch

Reverse Gable Entry

Available as an optional upgrade, the reverse gable entry introduces additional glass detail and creates a dramatic focal point suitable for more formal or symmetrical designs.

Technical Specifications

Structure and Engineering

- Thermally broken aluminum framing
- Wide range of sidewall heights
- Roof pitch range from 2/12 to 12/12
- Straight and curved-eave design
- Stainless-steel hardware
- Engineered to meet 45 lbs/ft² snow load and 125 mph wind load standards, with enhanced structural options available for higher-load regions.

Configurations

- Freestanding even-span
- Gable attached
- Freestanding lean-to
- Lean-To
- Compatible with kneewalls
- Custom sizing available

Glazing Options

- 7/8" insulated double-pane tempered glass
- Low-E 70 high-transmittance coating is ideal for shady locations with little to no sun and is offered for the roof and side walls
- Low-E 80 Low-E 80 maximum-transmittance coating is only offered for the roof and is ideal for areas that are warm and receive lots of sun

Venting and Climate Control

- Ridge and side vent options
- Double hung, awning, and casement windows
- Mechanical ventilation and air circulation systems
- Heating and cooling solutions, including evaporative cooling
- Supplemental lighting and automated irrigation systems

Warranty

- Lifetime structural frame warranty
- Lifetime pro-rated glass warranty

Is Sierra Right for You?

Choose the Sierra Series if you want:

- A fully insulated, four-season greenhouse
- The highest level of comfort and energy efficiency
- A quiet interior suitable for both growing and living
- Premium customization options for a tailored appearance
- The most advanced performance available from Arcadia GlassHouse



LORD & BURNHAM SERIES

Upscale DIY Kit Collection

Designer Greenhouses with Premium Materials and DIY Flexibility



The Lord & Burnham Series carries forward the legacy of one of America's most historic greenhouse manufacturers. Founded in 1856, Lord & Burnham became the leading builder of glasshouses for botanical gardens, estates, and conservatories across North America, known for engineering innovation and timeless greenhouse architecture.

Today's Lord & Burnham greenhouse kits preserve the character of these classic designs while incorporating modern materials that make installation achievable for experienced homeowners or local contractors. Precision-cut aluminum framing, stainless-steel fasteners, and tempered glass or multi-wall polycarbonate glazing allow each structure to assemble cleanly and securely, creating a greenhouse that is significantly more durable, airtight, and visually refined than typical hobbyist kits.

Lord & Burnham models are available in both straight and curved eave profiles, offering architectural versatility to complement different homes, landscapes, and garden designs. The result is a greenhouse that delivers premium appearance and long-term durability while still allowing the homeowner to take a hands-on approach to installation.

Why Homeowners Choose Lord & Burnham

Architectural Design Options

Homeowners can choose from straight eave models for a classic, clean-lined appearance or curved eave models for a softer, more traditional greenhouse silhouette. Both styles are designed to enhance residential settings and blend seamlessly with existing structures.

Premium Materials

Each kit features aluminum framing strong enough to withstand seasonal weather, offered with tempered glass or polycarbonate glazing. These materials provide long-term clarity and performance.

DIY Assembly

The bolt-together frame and pre-cut glazing components make installation approachable for experienced DIY homeowners. Detailed manuals and technical phone support ensure that each step of the process is clear and manageable.

Better Than Hobby Kits

Unlike lightweight hobby greenhouses that rely on clips, thin glazing, or plastic connectors, Lord & Burnham kits use solid aluminum, stainless-steel hardware, and full-frame glazing retention for a stronger, more weather-tight structure. This significantly improves wind resistance, thermal stability, and longevity.

Reliable Multi-Season Use

The structure's strength and glazing choices make Lord & Burnham appropriate for most climates. They provide excellent light transmission for growing, along with the durability required for year-round storage or seasonal use.



Lord & Burnham Styles



9x10 with 6/12 pitch

Even-Span Straight Eave

A traditional greenhouse form with vertical sidewalls and a clean roofline. This configuration maximizes usable interior space, provides excellent headroom, and works well as either a freestanding structure or attached installation. The straight eave style suits modern homes or those wanting a crisp architectural look.



14x20 with 6/12 pitch

Even-Span Curved Eave

A signature Lord & Burnham profile with gently curved roof transitions that soften the greenhouse silhouette. This design provides additional overhead growing height near the sidewalls and offers a distinctive, classic greenhouse appearance that stands out in both formal and informal garden settings.



9x18 with 4/12 pitch

Lean-To Straight or Curved Eave

Designed to attach to an existing wall or structure, the lean-to configuration is ideal for homeowners who want a space-efficient greenhouse with improved heat retention. The straight or curved eave options allow homeowners to match the attached greenhouse to their preferred architectural style. This is a strong choice for small yards, tight spaces, or installations requiring easy access to utilities.

Glazing Options

1/8" Single-Pane Tempered Glass

Tempered safety glass selected for clarity, durability, and long-term performance. The 1/8" single-pane configuration provides high light transmission and a traditional greenhouse appearance while maintaining reliable strength for residential and garden applications.

8mm Multi-Wall Polycarbonate Roof

Multi-wall polycarbonate selected for durability and thermal performance. The 8mm configuration is used in roof applications to provide insulation and diffused light while helping moderate interior temperature conditions.

Customization Options



Curved eave 14x13 with 6/12 pitch

Cresting & Finials

Traditional greenhouse ornamentation that enhances the charm and character of your structure.

Available on freestanding models only.



Straight eave 14' wide with 4/12 pitch

Kneewalls

Choose from brick, stone, block, or custom-built kneewalls to add visual weight, improve interior stability, and integrate seamlessly with your home.



Black 7x16 with 4/12 pitch

Color Options

Standard color is mill aluminum. Premium colors are available in White, Bronze, Black, Green, and a wide range of custom colors to match or complement your home and surrounding landscape.

Assembly Experience

Lord & Burnham greenhouses are engineered for a convenient bolt-together installation. All of the necessary aluminum framing, glazing, and stainless-steel hardware is included, along with a detailed installation manual and videos.

We also provide technical phone support to assist you or your contractor with complete installation guidance.

Technical Specifications

Structure and Engineering

- Aluminum frame
- Straight or curved eave options
- DIY bolt-together assembly
- Stainless-steel hardware

Configurations

- Straight or curved eave freestanding
- Straight or curved eave lean-to
- Compatible with kneewalls

Glazing Options

- 1/8" single-pane tempered glass
- 8mm multi-wall polycarbonate (roof only)

Venting and Climate Control

- Ridge vents
- Double hung windows

Warranty

- 10-year frame warranty
- 10-year polycarbonate, 25-year glass

Is Lord & Burnham Right for You?

Choose the Lord & Burnham Series if you want:

- A premium DIY greenhouse kit
- Straight or curved architectural profiles
- Higher quality than common hobbyist greenhouse kits
- A hands-on installation experience
- Elegant architecture with durable performance



Commercial and Institutional Greenhouses

Designed for Education, Engagement, and Public Use



Arcadia GlassHouse designs and manufactures custom glass greenhouses for educational institutions, botanical gardens, hospitality environments, retail spaces, and other public settings. These projects require thoughtful integration of structure, performance, and user experience to ensure the space functions reliably while welcoming daily use.

Commercial and institutional greenhouses are engineered with the same structural integrity and material standards found in our architectural garden greenhouses, with additional considerations for accessibility, durability, and long-term operation.

Designed for Daily Use

Greenhouses in public and shared environments must balance performance with durability. Frequent occupancy, varying climate conditions, and ongoing maintenance needs are considered early in the design process.

Key priorities often include:

- Structural strength for long-term use
- Safe circulation and clear visitor flow
- Stable interior climate conditions
- Materials selected for longevity and low maintenance
- Integration with surrounding buildings and landscape

Each project is approached with careful attention to how the space will be used, ensuring that it supports both plant health and human experience.

Engineering and Construction

Commercial greenhouse projects are constructed using extruded aluminum framing, tempered glass or insulated glazing systems, and high-performance polycarbonate options where appropriate. Structural components are designed to meet applicable building requirements while maintaining a refined architectural presence.

Environmental systems may include integrated heating, ventilation, cooling, lighting, and automated irrigation to support year-round operation.

Sierra wedding venue 32x62



Applications

Arcadia GlassHouse structures have been integrated into a variety of commercial and institutional environments, including:

- K–12 schools and university campuses
- Botanical gardens and conservatories
- Community gardens and nature centers
- Hospitality and event venues
- Retail and market spaces

Whether serving as a teaching environment, gathering space, retail setting, or horticultural installation, each greenhouse is engineered to meet the specific goals of the organization.



Collaborative Project Support

Commercial projects often involve architects, landscape designers, facilities teams, and institutional stakeholders. Arcadia GlassHouse works collaboratively throughout the planning and design process to align structural engineering, glazing selection, and environmental systems with the broader goals of the project.

From initial concept through fabrication and installation, each greenhouse is designed to support both functional performance and architectural intent.

Greenhouse Accessories and Environmental Systems

Arcadia GlassHouse provides integrated greenhouse accessories and environmental systems designed to support long-term performance, plant health, and daily use. From interior furnishings to climate control and automation, each system is selected to work seamlessly with the structure.

Whether designing a garden greenhouse, educational installation, or public space, our team can help integrate the right combination of furnishings and environmental systems to support your goals.



Benching and Interior Furnishings

Durable aluminum benching systems and integrated sink units provide organized workspace and growing areas. Configurations can be customized to suit plant types, workflow preferences, and greenhouse layout.



Lighting and Shading

Supplemental grow lighting and shading solutions support healthy plant growth while helping regulate solar gain.



Heating and Climate Control

Consistent temperature management is essential for year-round use. Heating and cooling systems are selected based on greenhouse size, climate, and application.



Irrigation and Automation

Integrated irrigation and automation systems simplify daily care and promote consistent growing conditions.

SERIES COMPARISON CHART

	Lord & Burnham	Arcadia GlassHouse	Sierra
Standard Finish	Mill (natural aluminum)	Mill (natural aluminum)	Bronze or White
Optional Finishes	White, bronze, green, black, or custom colors available	White, bronze, green, black, or custom colors available	Not available
Eave Style Options	Straight or Curved	Straight	Straight or Curved
Freestanding or Attached	Yes	Yes	Yes
Freestanding Lean-To	No	Yes	Yes
Kneewall	Yes	Yes	Yes
Glazing Options	Glass sidewalls and roof Glass sidewalls and polycarbonate roof	Glass or Polycarbonate	Glass only
Glass Options	1/8" Tempered	3/16" Tempered	7/8" Double-Pane Tempered
Polycarbonate Options	8mm multi-wall (roof only)	8mm multi-wall, 16mm five-wall	Not offered
Reverse Gable Option	No	Yes	Yes
Ridge/Side Vent	Ridge vents only	Ridge and side vents available	Ridge and side vents available
Thermally Broken Frame	No	No	Yes
Standard Snow Load	30 lbs per square foot	30 lbs per square foot	45 lbs per square foot
Standard Wind Load	105 mph winds	105 mph winds	125 mph winds
Custom Loads Available	No	Yes	Yes
Maximum Freestanding Width	18' (depending on model)	24'	31' 10" without center posts
Maximum Lean-To Width	9' (depending on model)	23'	15' 11" without center posts
Standard Bay Length	30" sections	2' sections	30" sections
Door Options	Standard 3' door only	3' or 6' doors available; Customer supplied doors allowed	3' or 6' doors available; Customer supplied doors allowed
Window Options	Double hung	Double hung and awning	Double hung, awning and casement
Cresting & Finials - Freestanding	Yes	Yes	Yes
Cresting & Finials - Lean-To	No	Only with reverse gable	Yes
Heat Options	Gas, propane, or electric	Gas, propane, or electric	Gas, propane, or electric
Ventilation Options	Ridge vent only (single or double)	Ridge and side vents Fan and shutters	Ridge and side vents Fan and shutters
Trusses	Bolted assembly	Welded assembly	Bolted assembly
Test Assembled	No	Yes	No
Installation	Installation not included	Professional installation available	Professional installation available
Drawings	Yes	Yes	Yes
Roof Pitch - Freestanding	4.5/12 or 6/12 (depending on model)	3/12 - 12/12	3/12 - 12/12
Roof Pitch - Lean-to	Straight - 4.5/12 Curved - 6/12	2/12 - 6/12	2/12 - 12/12
Manufacturing Lead Time	Approximately 6-10 weeks	Approximately 8-10 weeks	Approximately 8-14 weeks
Warranty - Glass	25-year warranty	25-year warranty	Lifetime pro-rated
Warranty - Polycarbonate	10-year	10-year	Not applicable
Warranty - Frame	10-year warranty	Lifetime warranty	Lifetime warranty
Warranty - Accessories	Covered by original manufacturer	Covered by original manufacturer	Covered by original manufacturer

Customization level and installation requirements vary by project. Your Arcadia GlassHouse representative will help determine the best option for your space, climate, and intended use.

GLAZING SPECIFICATIONS

Glazing Description	% Visible Light Transmittance	% UV Light Transmittance	Solar Heat Gain Coefficient	R-Value
Single-pane Glass <i>Our most cost-effective option for a great looking glass greenhouse.</i>	90	70	0.81	1.0
Double-pane Glass <i>7/8" argon-filled, clear/clear Good insulation with less condensation than single-pane glass.</i>	81	52	0.70	2.3
Double-pane Glass: Low-E 70 <i>7/8" argon-filled, Low-E/clear A coating of Low-E on the inside of the external pane. Our best recommendation for sidewalls.</i>	69	14	0.37	4.0
Double-pane Glass: Low-E 80 <i>7/8" argon-filled, Low-E/Low-E A coating of Low-E on the inside of each pane of glass. Our best recommendation for roofs.</i>	47	10	0.23	4.0
8mm Multi-wall Polycarbonate (clear)	80	81	0.82	2.0
8mm Multi-wall Polycarbonate (tinted)	50	42	0.70	1.7
16mm Five-wall Polycarbonate (clear)	70	65	0.68	3.0
16mm Five-wall Polycarbonate (tinted)	40	30	0.50	1.0

% Visible Light Transmittance - The percentage of light in the visible spectrum that is directly transmitted through the glass.

% UV Light Transmittance - Percentage of ultraviolet radiation transmitted through the glass.

Solar Heat Gain Coefficient - The measurable amount of energy that penetrates the glass and is released inside the greenhouse.

R-Value - The resistance to heat loss through the glass. The higher the R-Value, the better the insulating properties.

Ready to Build Your Greenhouse?

Our team is available to guide you through every step of the process, from initial design and glazing selection to fabrication and installation. Whether you are planning a residential garden greenhouse or a large-scale commercial project, we are here to help you build something that lasts.

Customers are welcome to visit our Madison showroom and tour our manufacturing facility. Come see how your greenhouse is made.



Your Greenhouse Starts Here



ARCADIA

— GLASSHOUSE —

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