



 **SOLAR INNOVATIONS®**  
ARCHITECTURAL GLAZING SYSTEMS

Beauty and Strength Through Design  
Blending Elegant Structures with Exquisite Surroundings





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## About Solar

With over 15 years of experience, Solar Innovations® is the premier conservatory manufacturer in the United States. Each of our unique creations is manufactured in our LEED Gold certified facility in Pine Grove, Pennsylvania.

Our thermally enhanced aluminum systems provide the beauty of traditional conservatories with durability and American ingenuity. With a once-in-a-lifetime customer experience in mind, custom glazed structures are designed to provide longevity and serviceability.



# Solar Innovations® Corporate Headquarters



CORPORATE OFFICE & MANUFACTURING FACILITY



ORCHID GREENHOUSE



THREE BUILDING CAMPUS



TRADITIONAL CONSERVATORY

## We Live & Work with Our Products Every Day

Through the years, Solar Innovations® has developed over 33 products to serve our customers' needs. From our humble beginnings in the sunroom industry, Solar has grown to include all of the features of English conservatories, and the high performance doors and windows which our customers have come to expect. Unlike many of our competitors, Solar Innovations® welcomes customers to tour our manufacturing facility and on-site showroom. When visiting Solar Innovations®, you can explore our on-site tropical greenhouse, orchid greenhouse, typical residential greenhouse, sunroom, and conservatory. Customers are able to view our manufacturing space and see jobs in production; many days, customers also get to experience our in-house test lab in operation.

When visiting, take a moment to explore all the luxury structures available to you at Solar Innovations®





# Conservatories

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With elegant lines and exquisite detail, conservatories are the ultimate extension between your living space and the environment; these structures provide a functional sanctuary with unparalleled beauty.

The charm and beauty of classic English conservatories cannot be surpassed, but their performance can be enhanced with Solar's innovative product line.

Conservatories allow homeowners to enjoy the views outside of their home, without being forced to experience the unpredictable elements of nature. Customers can design unique environments that allow for plant growth, entertainment, or a combination of the two.

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GABLE RAKE



PALLADIAN ARCH

# Decorative Accessories



RIDGE CRESTING



FINIAL



DECORATIVE CORNERS



TRANSOM



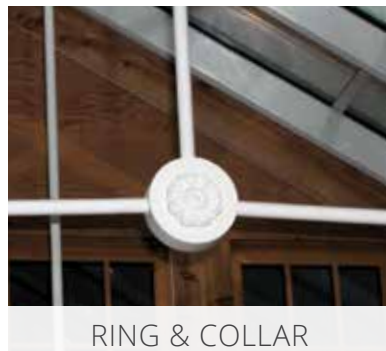
GRIDS



GUTTER & DOWNSPOUT



RAISED PANELS



RING & COLLAR



CROWN MOLDING

The Solar Innovations® team prides itself on the ability to meet each customer's individual design needs, by offering one of the widest varieties of decorative accessories in the industry. Our goal is to achieve the aesthetic desires of customers by providing high quality accessories at a reasonable investment. Whether you are retrofitting an existing structure or enhancing new construction, Solar Innovations® will work with you to achieve your vision even if the accessories require custom fabrication.

Ridge cresting, finials, and grids are an excellent way to begin enhancing your products. These elements can be integrated with ease and create specific architectural appeals, ranging from a very modern appearance to classic English tradition. For more decorative structures featuring Victorian era architecture, decorative corners, trims, and appliques can be incorporated.

Decorative elements are available in Solar's standard colors, unfinished aluminum, or two corrosion resistant anodized finishes. Structures and accessories can feature custom paint matches to ensure seamless integration.



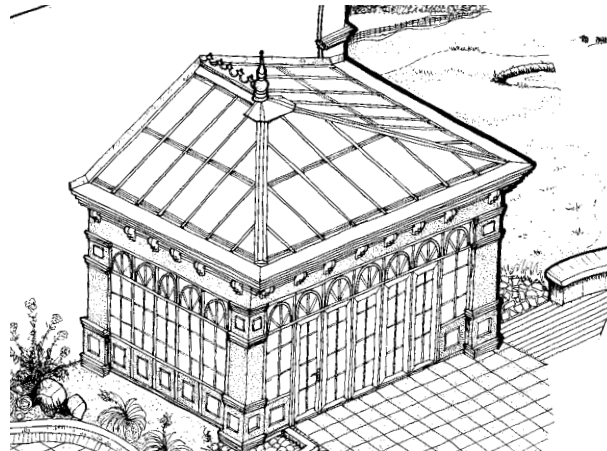


Overlooking Central Park in New York City



# Custom Products

Although many companies may ask customers to select from a list of standard offerings, Solar's conservatories are as unique as their owners. Our dedicated team specializes in custom conservatory configurations and customer specific aesthetic appeal. Solar's skilled team of conservatory designers will work with you to create the personal retreat of your dreams. Even after installation is completed, Solar will continue to provide quality customer service.



CONSERVATORY FLOOR PLANS





Third Story Conservatory Application







Sunroom Restoration Project (After)



Before





Project Features Custom Color



Tortoise Enclosure







Project Features Leaded Glass



Project Features Two-Tone Finish







Conservatory Dining Area





Conservatory Entryway





# Greenhouses

Our greenhouses can become the focal point of any property, or seamlessly blend into the existing architecture to provide year-round gardening. From simple overwintering, to complex turn-key greenhouses with automation, Solar's experts will guide you through the design and installation process.

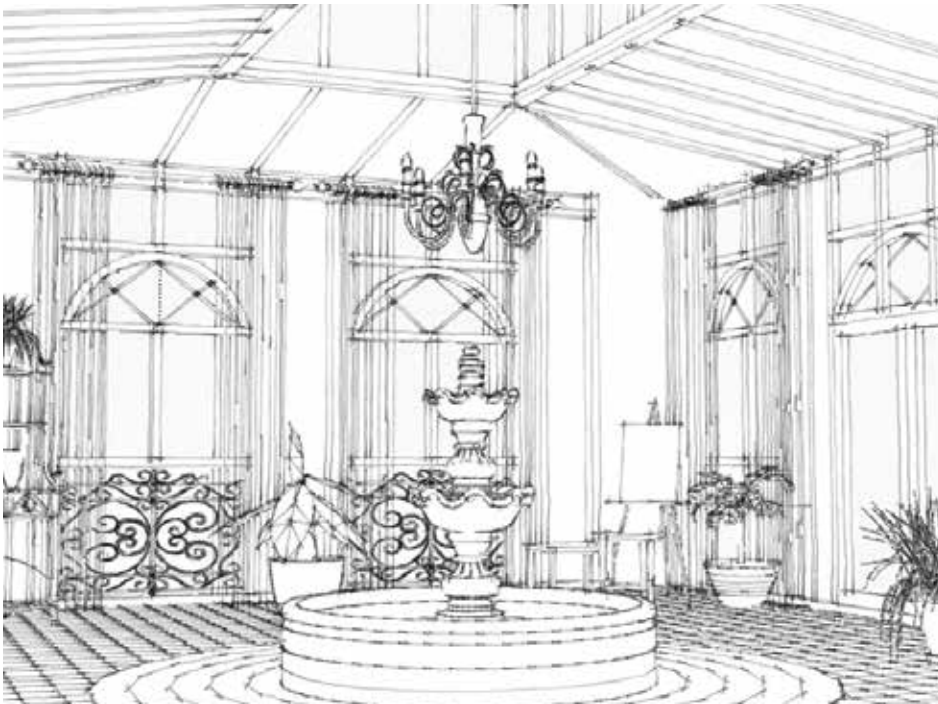
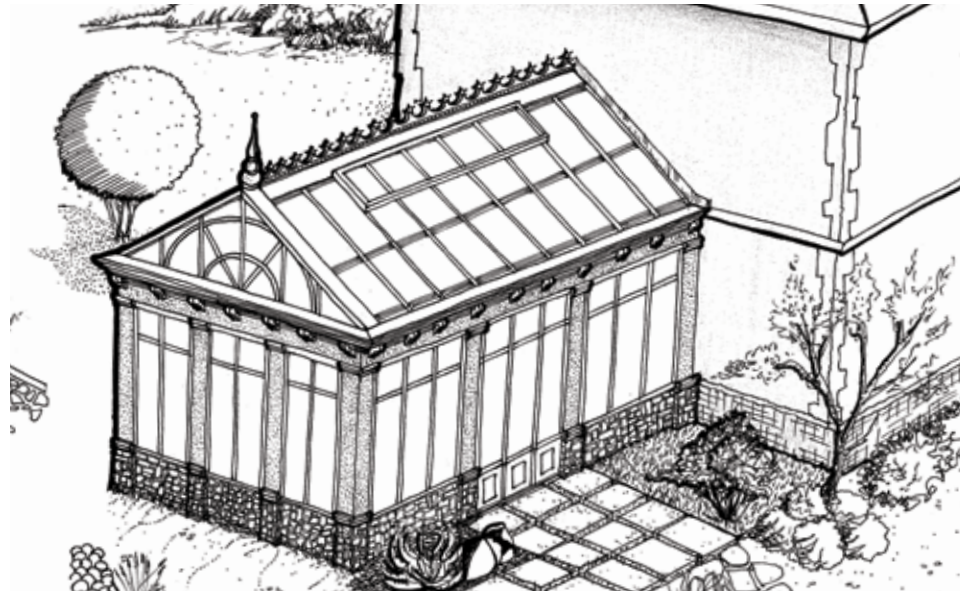


# Ornate Greenhouses

Even Solar Innovations® ornate greenhouse designs are planned with low-maintenance care in mind. Solar's aluminum frame provides lower maintenance and superior performance when compared to the traditional wood frames of yesteryear.

A specialty greenhouse is built with a specific plant or purpose in mind. Solar currently designs and manufactures many specialty greenhouses: bonsai, orangery, orchid, and more. Each structure can be customized to meet your needs.

Ornate greenhouses exude strength and beauty through design. Each project is specifically engineered to exceed a location's snow, wind, and rain requirements.















Solar Innovations® provides a full line of growing accessories for everything from simple seed growing, to highly specialized orchids.





**Watering Systems**

# Greenhouse Accessories



**Circulation Fans**



**Heaters**



**Cooling**



**Humidifiers**



**Benches**



**Control Systems**



**Grow Lights**



**Cold Frames**



**Shades**



**Ridge & Eave Vents**

Solar Innovations® provides customers with one of the largest selections of greenhouse accessories in the industry, including watering, light control, storage, temperature control, and automation systems.

Greenhouses should be designed specifically for your environment, but certainly should include circulation and storage. Consider your long term goals when planning for accessories and the possibility of either manual switches or automatic sensors for controls.









Modern Greenhouse with  
Class 1 Clear Anodized Finish





# Pool Enclosures

Enjoy year-round accessibility to your pool or spa by enclosing the space. Regardless of the outdoor conditions, an enclosure from Solar Innovations® will allow you to reap the maximum benefits of your water feature investment.



Glazed Radius Roof







# Pool Houses

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Complement your exquisite outdoor water feature with indoor storage, a changing area, or entertaining space by adding a pool house to your outdoor oasis.

Incorporating operable walls will allow you to open the pool house to allow a seamless flow between the indoor living space and the patio space surrounding your pool or spa.







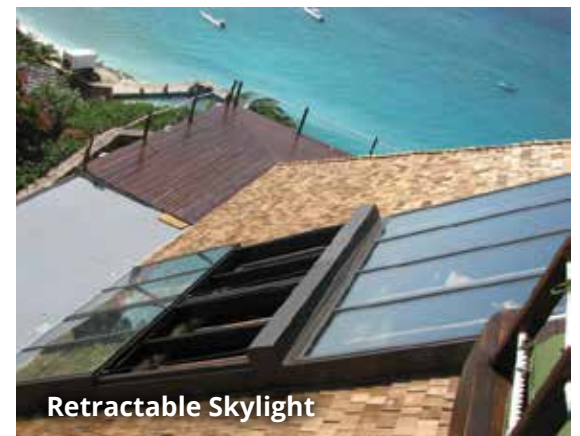




# Skylights

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Skylights are a pleasant addition to any living space, adding natural light and ventilation. Design your skylight to complement the home and use of the room below. Fixed, venting, operable, retractable, and walkable skylight variations may become part of your configuration. Venting or operable skylights can help to naturally increase air flow through a space, creating a happier, healthier environment.

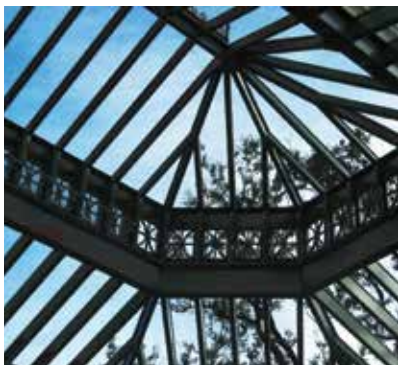


**Retractable Skylight**













Segmented Radius Dome Skylight





# Wood Interiors

For a warm, traditional feel, consider a wood interior by Solar Innovations® for your structure.

Interiors are available in solid Mahogany or Spanish Cedar, laminates of Western Red Cedar, Southern Yellow Pine, and Northern White Pine. Additional wood varieties are also available upon request. Solar's wood interiors provide excellent thermal values and consistent temperatures.

Solar Innovations® can customize each rafter profile to fit traditional design aesthetics or to match existing architecture.



Painted Wood Interior



Residential Wood Curtain Wall









## Solar Innovations® is a single source provider of:

- Folding Glass Walls
- Stacking Glass Walls
- Sliding Glass Doors
- Clear Glass Walls
- Terrace & French Doors
- Pivot & Dutch Doors
- Greenhouses
- Conservatories
- Impact Certified Products
- Pool & Spa Enclosures
- Wood Curtain Walls
- Aluminum Curtain Walls
- Sunrooms
- Skylights
- Operable Skylights
- Retractable Roofs
- Walkways
- Canopies
- Window Systems
- Lift Slide Doors
- Tilt Turn
- Tilt Slide
- Universal® Clamps
- IRT Fishing Reels