

Patriot II

Steel Hoop 

Series II: the best greenhouse value on the market today

The house you need at the price you want

- Engineered for strength; designed for efficient construction
- Easily adapted to local structural building codes and weather conditions
- Fabricated with low-maintenance galvanized steel frame and gutters
- Glazed with a wide choice of economical materials

Steel, arch-roof Patriot II greenhouses are engineered for value from the ground up. Featuring a low-maintenance, galvanized, rust-resistant frame, this strong, versatile design easily accommodates local structural building codes and climatic conditions throughout the country.

Strength is designed in. Trusses attach directly to square tube columns, with all members converging at a single point atop the column—the strongest design possible. Trusses and connectors are factory-assembled and welded, ensuring consistent quality. Wide enough to

walk through, the gutters are fabricated from high strength galvanized steel, and are butt-spliced and sealed to guarantee tight joints. Each structural component is selected and sized especially for your house, the loads you expect and the conditions you need. And

unlike most other manufactures, we scrutinize the entire design using the latest computerized structural member analysis, and obtain the approval of independent engineers to ensure the integrity of your house.

Strength doesn't mean you sacrifice flexibility. Available with 8-, 10- or 12-foot sidewalls (even higher if necessary), the house is available in four different widths. We're happy to build one

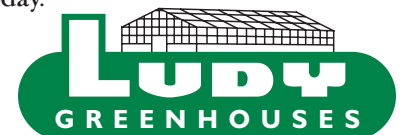


house or ten, and when you need more space, the Patriot II easily expands from either side or either end. When you choose a Patriot II, we build the house to meet your requirements—but you don't pay for more house than you really need.

The accumulated effect of adaptable design is affordability and long life. The broad list of options extends to glazing: energy-efficient structured sheet, convenient single- or double-layer polyethylene, easy-to-install corrugated polycarbonate or metal—even shade cloth—means you can choose the most appropriate materials for your environment, including headhouses, classrooms and storage areas. Factory-welded, predrilled components, including trusses that attach to columns with a single bolt, keep on-site construction costs down. Galvanized steel keeps maintenance expenses to a minimum.

The Patriot II combines the best of two worlds: custom features at standard prices. Strength, durability and economy are combined to create the best greenhouse value on the market today. To find out more about how the quality, flexibility and affordability of a Patriot II house fits into your future, call Ludy for a consultation or quotation today.

Ideal for retailers and institutions—a high-quality structure at an affordable price

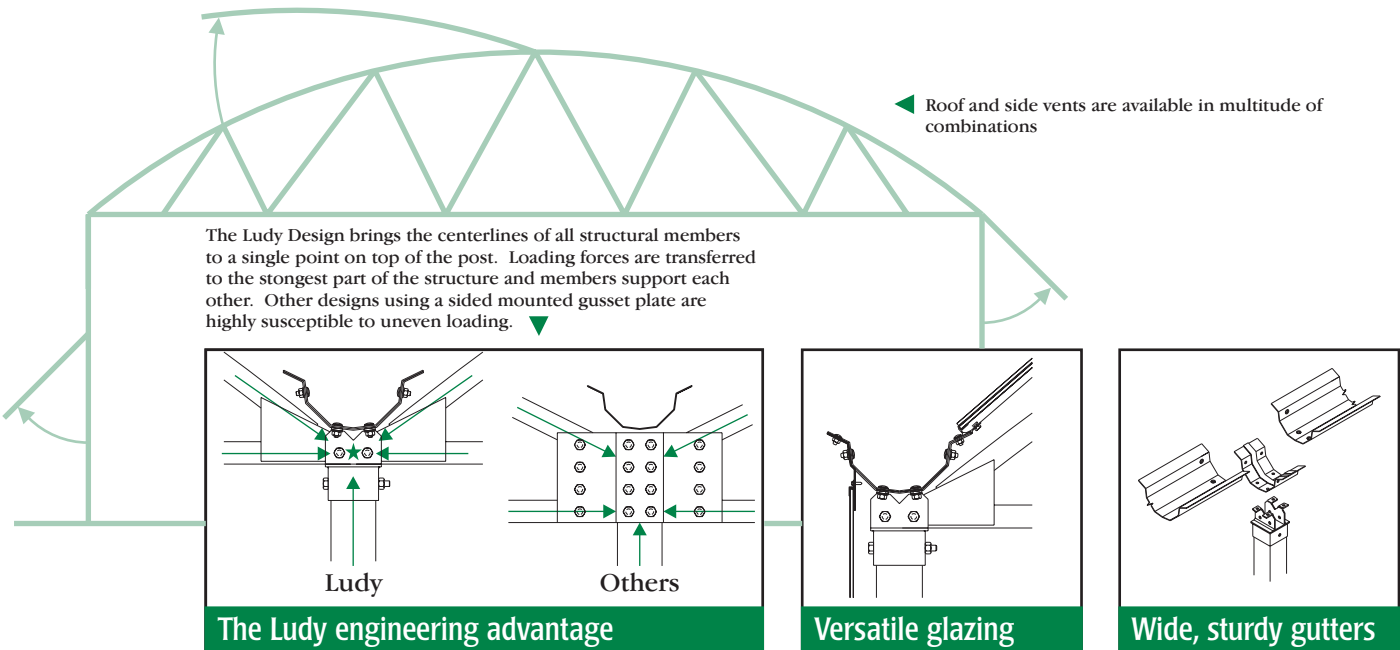


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Specifications

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Construction

- All structural components are pre-galvanized, rust-resistant steel. Hot-dipped galvanizing on all welded parts after fabrication is optional
- Post: square steel tubes; sized by application
- Trusses: square; factory welded design to center on and attach directly to post top with a single bolt; sized by application
- Purlins: square; sized by application
- Intermediate arches: square; 4- or 6-feet on center for polyethylene roof covering
- Bracing: roof wind rod x-bracing, sidewall x-bracing, gable bracing and longitudinal truss bracing included

Gutters

- 12" wide high strength steel sealed by joining them with a gutter splice at each post
- Various extensions lengths are available along with down spout connectors and drip

Sizes

- Widths: 20.5, 22, 30 and 36 ft (6.25, 6.7, 9.14 and 10.97 m)
- Lengths: standard 10 or 12 foot bays; full length can be any multiple of chosen bay size
- Sidewall: standard 8, 10, or 12 feet; higher walls available

Glazing options

- Single- or double-layer polyethylene (using Ludy Lock Poly Clamping System)
- 8mm polycarbonate structured sheet in 4 or 6 foot bar spacing
- 8mm acrylic structured sheet
- Corrugated polycarbonate
- Corrugated metal
- Shade cloth

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