

## A custom house at a standard price

- 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, peak-roof R/S II series greenhouses are ideal for retailers and institutions needing a high-quality structure at an affordable price. This strong, versatile design is easily adapted to local structural building codes throughout the country.

The heart of the R/S II is a low-maintenance, galvanized, rust-resistant frame. Trusses are centered over and attached directly to square-tube columns, and the centerline of each member converges to a single point. This unique design, secured with a single bolt, ensures the strongest house possible, with significantly better resistance to side and downward stresses. Trusses and connectors are factory-assembled and welded, ensuring consistent quality. Fabricated from 12-gauge galvanized steel, the gutters are

**When you choose an R/S II, We build the house to meet your requirements-but you don't pay for more house than you need.**

wide enough to walk through, and meet at a splice and sealed to guarantee tight joints. And unlike most other manufacturers, 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.

The design's flexibility enhances the inherent strength of the house. Structural components are selected and sized to match your environmental and load requirements. The house is available in five different widths and



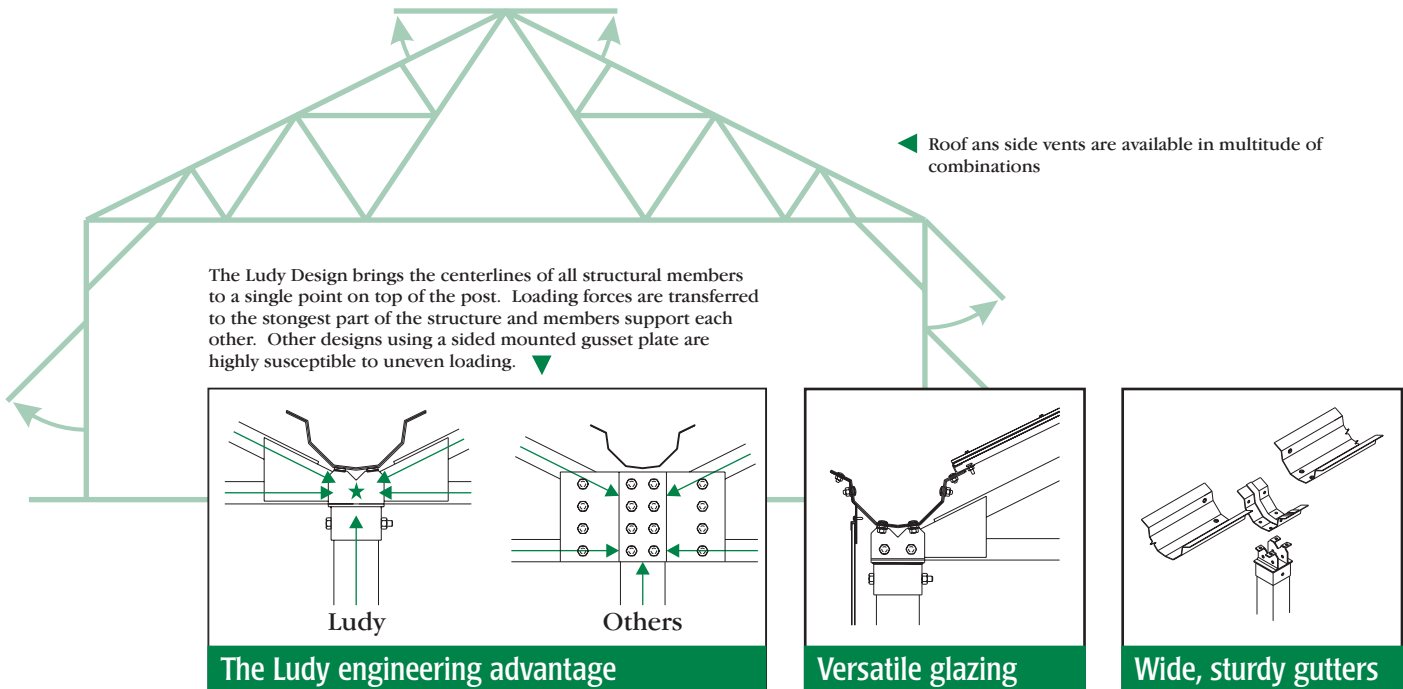
three standard sidewall heights. The house is infinitely expandable—we can build one or ten, and add on later, attaching to either end, either side, or both. When you choose an R/S II, we build the house to meet your local growing, weather and structural code requirements—but you don't pay for more house than you really need.

All of this adaptability adds up to affordability and long life. A broad array of materials, including energy-efficient structured sheet, easy-to-install corrugated polycarbonate or metal—even glass and shade cloth—gives you the freedom to choose the most appropriate glazing for your environment, incorporating classroom space, checkout areas or storage facilities. On-site construction costs are reduced by using factory-welded, predrilled components; galvanized steel keeps maintenance expenses to a minimum.

Engineered for value from the ground up, the R/S II combines the best of two worlds: custom features at standard prices. To find out more about how the strength, flexibility and affordability of an R/S II house fits into your future, call Ludy at 1.800.255.LUDY (5839) for a consultation or quotation today.

# 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 or Z-type; sized by application
- 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 at a gutter splice at each post.
- Various extensions lengths are available along with down spout connector and drip channels

## Sizes

- Widths: 20.5, 25, 30, 35.5 and 41.5 ft (6.25, 7.62, 9.14, 10.82 and 12.65 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

- 8mm polycarbonate structured sheet in 4 or 6 feet bar spacing.
- 16mm polycarbonate structured sheet
- Corrugated polycarbonate
- Glass (annealed, tempered or laminated)
- 16mm or 8mm acrylic structured sheet
- Corrugated metal
- Shade Cloth

R/S II



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