



**Rough
Brothers,
Inc.**

**Design,
Manufacturing,
Systems,
Construction**

5513 Vine Street
Cincinnati, Ohio
45217

800.543.7351 *ph*
513.242.0816 *fax*

The R-HOUSE

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1. Introduction

The R-HOUSE by Rough Brothers uses a combination of 1" insulated glass and safety glass with an aluminum rigid frame substructure. This combination provides for high light transmission and optimal energy efficiency. Standard truss designs permit clear-span widths in either free-standing or gutter-connected combinations.

Ridge vents and sidewall vents are both available and require no rack area penetrations through the vent screenwork. The greenhouse configuration can be A-Frame, Lean-To, Sawtooth or custom design.

2. Gallery

3. Features

- 4' glazing module
- 4-sided, fully gasketed glazing system
- variable roof pitch: 3/12 to 12/12
- rigid frame construction
- integrated shade system
- self-supporting interior partitions

3.1. Materials and Glazing

Annealed, tempered, safety laminated and/or insulated glass and high strength aluminum alloy glazing bars allow maximum penetration of sunlight with a maintenance-free aluminum rigid frame superstructure.

3.2. Finishes

- clear anodized aluminum glazing system
- mill, custom anodized or custom painted aluminum

4. Uses & Application

- Research & Education

5. Specifications

- R-HOUSE Specifications

6. Equipment

- Benching
- Shade & Curtain Systems
- Environmental Controls
- Heating
- Irrigation
- Cooling
- Plant Growth Lighting

7. Our Services Include

- Design
- Design & Build
- Systems Integration
- Project Management
- Installations
- Maintenance