

# The R-House

## Table of contents

1 Introduction.....	2
2 Features.....	2
3 Uses & Application.....	2
4 Literature Downloads.....	2
5 Equipment.....	3
6 Our Services Include.....	3

## 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. 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

### 2.1. 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.

### 2.2. Finishes

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

## 3. Uses & Application

- Research & Education

## 4. Literature Downloads

- 



## R-House Specifications

### **5. Equipment**

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

### **6. Our Services Include**

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