

# Solar Shed



Patent No. 5,937,591

10'x8', 10'x12', 10'x16' Building Instructions

## -BEFORE YOU BEGIN-

### ■ First...

Read these instructions thoroughly before you begin assembly. Assembly is easiest if you follow the steps in the order shown.

In a drawing, a dotted line represents a part hidden from view (like a part under a panel).

Lumber is graded from only one side. Check the part for the most attractive face and make sure to face it to the outside.

### ■ Check all parts

Compare parts you have to the list(s) on page 5. If a part is missing, circle the part in question in the parts list and call us toll-free at 1-800-437-0784.

### ■ Assistance required

We recommend that you assemble this building on level ground in the location it will be used. Assistance is necessary to handle, fit, and secure some components. Two people are needed for some steps.

### ■ Squareness is very Important!

Keeping all 90° corners and 90° perpendiculars square throughout the assembly of this building will make each succeeding step easier and is necessary to assure that all components fit together properly.

### ■ Check local zoning

Before starting construction, check with your local building code official for any required permits, variances, etc. Our Storage buildings are designed to meet most national coding agencies strict testing requirements for storage space and are not meant to be used for living space.

### ■ Check foundation size

Before starting construction on your foundation, check in the instruction manual to ensure that you are building the correct size foundation for your building.

**Always wear OSHA-APPROVED safety glasses throughout assembly process**

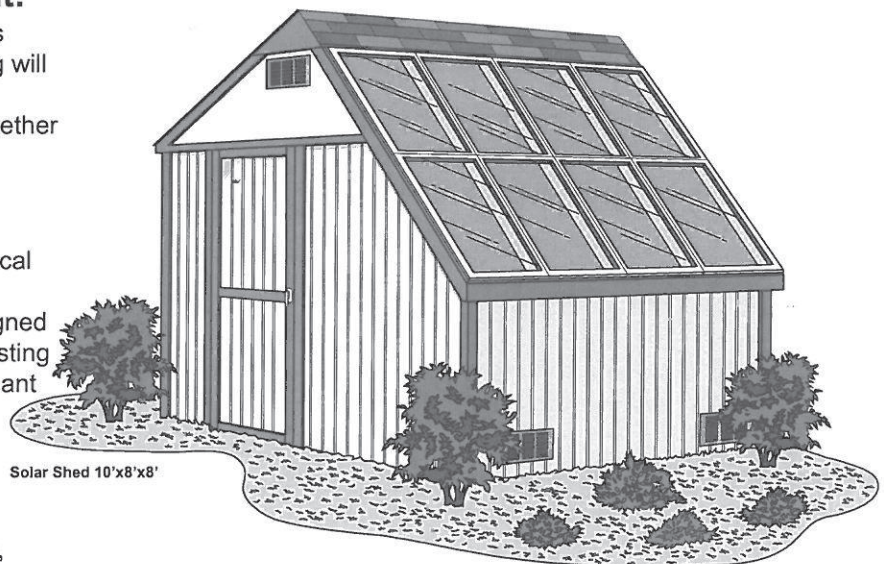
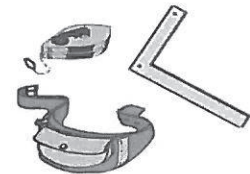
### ■ Tools required

- Hammer
- Phillips Screwdriver
- Level
- Step Ladder
- Pencil
- Tape Measure
- Adjustable Wrench
- Electric Drill with 1/2" Drill Bits and #2 Phillips bit
- 1/8" Allen Wrench



### ■ Optional tools

- Chalk Line
- Square
- Nail Pouch
- Wood Glue



Solar Shed 10'x8'x8'

# Solar Shed Helpful Hints!

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## ■ The Location

Positioning of the Solar Shed in relation to your house or garden is an important consideration and unless your house or Solar already faces South you may be missing out on the solar benefits of the sun.

To take advantage of solar gain, orient the Solar Shed so that the roof windows are facing southward. If you intend to use the Solar Shed for starting plants or growing into the late fall, it would be best to have it facing 15° East or West of true South.

## ■ More Location Hints

- Check the site, to make sure it receives the most sunlight possible during daylight hours.
- If your planing to use your Solar Shed as an office or workshop you may choose to face it away from the sun this will make things easier when trying to cool your Solar Shed in summer.
- Your Solar Shed must be constructed on a level floor. Preparing the site will be considerably easier if you begin with fairly level ground.
- Your building location must be on firm soil and must be free from any puddling or drainage problems

## ■ Leveling and Squaring

While constructing your Solar Shed, stop periodically to check that the building is level and square. Advancing from one step to the next without checking for squareness may result in increased difficulty with subsequent steps.

## ■ Painting and Weather Proofing

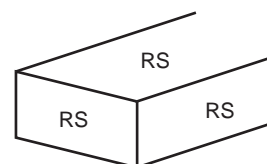
Your Solar Shed must be painted with a latex exterior paint within thirty days of assembly. If you intend to use the Solar Shed as a greenhouse, you must prime and paint the inside of the building as well as the wooden floor (provided your building has a wooden floor). Caulking is also a must and should be applied above door and all horizontal and vertical trim boards. Refer to your warranty for more detailed information on weatherproofing.

## ■ Important Notice

We pride ourselves in manufacturing kits from select construction grade lumber and engineered wood products. Construction grade lumber, a product cut from trees, has many natural characteristics and blemishes that may be present in some of the pieces you receive in your kit. Natural characteristics and blemishes in construction lumber may include knots, torn wood grain along edges, minor cracks/splits, twists, limited bark along edges and pitch pockets that may exude sap. Be assured that the individual parts have been cut and inspected to remove as many of the wood's natural, less appealing characteristics as possible. These characteristics and/or blemishes will not affect the strength, durability, or structural integrity of the finished product. Generally, the exterior trim parts selected for your kit are graded from only one side and should be installed with the most attractive side outward. Our limited warranty does not cover the natural characteristics and blemishes that occur with construction grade lumber products.

### NATIONAL STANDARD LUMBER SIZES

Nominal size	Actual size
1 x 2 =	3/4" x 1-1/2"
1 x 3 =	3/4" x 2-1/2"
1 x 4 =	3/4" x 3-1/2"
2 x 4 =	1-1/2" x 3-1/2"
2 x 6 =	1-1/2" x 5-1/2"



Part Letters are located ends or sides.