

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.

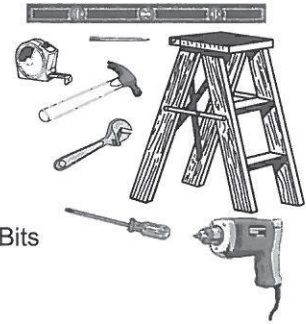
■ Check foundation size

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

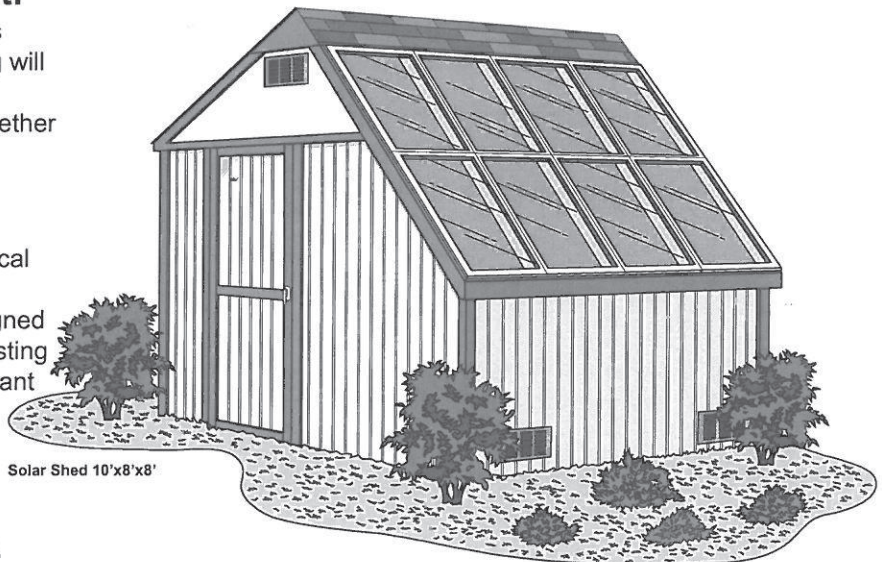
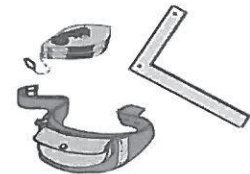
■ Tools required

- 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'

PARTS LIST

Solar Shed 10'x 8', 10'x12', 10'x16'

Complete Parts List for 10' x 8' Building				
Qty.	I.D.*	Description	Standard	Metric
2 x 6's				
□ 2	VO		2 x 6 x 92 ⁵ / ₈ "	5 x 14 x 235cm
2 x 4's				
□ 13	TH		2 x 4 x 69 ¹ / ₂ "	5 x 10 x 176.5cm
□ 2	UL		2 x 4 x 92 ⁵ / ₈ "	5 x 10 x 235cm
□ 2	TN	<i>Angled</i>	2 x 4 x 79 ¹ / ₄ "	5 x 10 x 201cm
□ 4	TG		2 x 4 x 56 ¹ / ₂ "	5 x 10 x 143cm
□ 2	SN		2 x 4 x 43 ³ / ₄ "	5 x 10 x 111cm
□ 9	SD		2 x 4 x 33"	5 x 10 x 84cm
□ 1	SC		2 x 4 x 32"	5 x 10 x 81.3cm
1 x 4's				
□ 1	KI		1 x 4 x 93 ³ / ₈ "	5 x 10 x 237cm
□ 2	JB	<i>Angled</i>	1 x 4 x 42 ⁵ / ₈ "	5 x 10 x 130cm
□ 2	KN	<i>Angled</i>	1 x 4 x 87 ⁷ / ₈ "	5 x 10 x 223cm
□ 8	I E		1 x 4 x 21 ¹ / ₄ "	5 x 10 x 54cm
□ 1	KT	<i>Angled</i>	1 x 4 x 93 ³ / ₈ "	5 x 10 x 237cm
1 x 3's				
□ 2	HN		1 x 3 x 79 ⁵ / ₁₆ "	2 x 4 x 220cm
□ 2	CK	<i>Angled</i>	1 x 3 x 38 ¹ / ₂ "	2 x 4 x 98cm
□ 2	ZO		5/8 x 3 x 72"	2 x 4 x 183cm
□ 2	GT		1 x 3 x 71 ¹ / ₂ "	2 x 4 x 182cm
□ 2	DH	Door Stile	5/8 x 3 x 30 ⁵ / ₈ "	2 x 4 x 77.8cm
1 x 2's				
□ 2	CS		1 x 2 x 72"	2 x 4 x 183cm
□ 2	CF		1 x 2 x 35 ¹ / ₄ "	2 x 4 x 89cm
□ 1	CG		1 x 2 x 91 ¹ / ₈ "	2 x 4 x 231cm
□ 4	BU		1 x 2 x 21 ¹ / ₄ "	2 x 4 x 54cm
Rafters				
□ 5	TF	Rafter (Short)	2 x 4 x 64 ⁷ / ₈ "	5 x 10 x 165cm
□ 5	RO	Rafter (Long)	2 x 4 x 93 ¹³ / ₁₆ "	5 x 10 x 238cm
□ 8	--	Wood Gusset	9" x 24"	23 x 61cm
Wall Panels				
□ 2	¹ / ₄ _{IR}	Gable Panel	23 ⁵ / ₈ " x 87 ¹ / ₄ "	61 X 121cm
□ 2	--	Wall Panel	48" x 72"	122 X 183cm
□ 1	--	Wall Panel	44 ³ / ₈ " x 72"	113 X 183cm
□ 2	--	Narrow Wall Panel	23 ⁷ / ₈ " x 72"	6 X 183cm
□ 1	--	Wall Panel	14 ³ / ₈ " x 72"	36 X 183cm
□ 1	--	Wall Panel	35 ¹ / ₄ " x 48"	89 X 122cm
□ 1	--	Short Wall Panel	35 ¹ / ₄ " x 44 ³ / ₈ "	89 X 113cm
□ 2	¹ / ₄ _{IR}	Angled wall Panel	48" x 72"	122 X 183cm
Roof Panels				
□ 1	--	Roof Panel	23 ⁵ / ₈ " x 92 ¹ / ₄ "	60 X 234cm
□ 1	--	Roof Panel	15 ⁷ / ₈ " x 92 ¹ / ₄ "	40 X 234cm
□ 1	--	Roof panel	48" x 92 ¹ / ₄ "	122 X 234cm

* Part Identification letters appear on dimensional lumber and are read Horizontally i.e. (left to right)

Package Material

Several extra wood parts are included in your kit, which are only used for the safe packaging and shipping of the Solar Shed Windows.

Qty.	I.D.*	Description	Standard	Metric
Misc. Parts				
□ 2	--	Gable Spacer	8 ³ / ₄ " x 25 ⁷ / ₈ "	22 x 65cm
□ 4	--	Inside Vent Spacer	9 ¹ / ₈ " x 15 ¹ / ₈ "	23 x 38cm
□ 2	--	Plywood Gable Cap	9 ⁷ / ₈ " x 29 ⁵ / ₁₆ "	24 x 74cm
□ 1	--	Preassembled Door		
□ 1	--	Door Stop	1/2" x 3/4" x 68"	1.3x1.9x172cm
□ 4	--	Adjustable Vents		
□ 4	--	Exterior Vents		
□ 2	--	Soffit End Caps	3/4" x 7 ⁷ / ₈ " x 7 ¹ / ₂ "	1.9x20x19cm
□ 2	--	Door Stiffener	5/8" x 3 ¹ / ₂ " x 61 ¹ / ₄ "	1.6x8.9x155cm
□ 2	--	Door Stiffener	5/8" x 3 ¹ / ₂ " x 31 ¹ / ₄ "	1.6x8.9x79cm
Windows				
□ 4	--	Glass Windows		
□ 3	--	Aluminum Mullion Strip (Narrow)		
□ 2	--	Aluminum Mullion Strip (Wide)		
□ 2	Rolls	Foam Weather Strip		
Hardware Kit				
□ 2"(5cm) Nails, 3"(7.6cm) Nails, 3"(7.6cm) Screws, 1-1/4" (3.2cm) Screws & White Screws, 1" (2.5cm) Screws, 3/4" Screws, 1-1/2" Finish Nails				
□ 1		Door Hardware Kit		
□ 1		Continuous Hinge		

Complete Parts List for 1 Solid Roof Extender or 1 Glass Extender				
2 x 6's				
□ 2	VD		2 x 6 x 45 ¹ / ₂ "	5x 14 x 115.5cm
2 x 4's				
□ 3	TH		2 x 4 x 69 ¹ / ₂ "	5 x 10 x 176.5cm
□ 2	SR		2 x 4 x 45 ¹ / ₂ "	5 x 10 x 115.5cm
□ 3	SD		2 x 4 x 33"	5 x 10 x 84cm
1 x 4's				
□ 1	IJ		1 x 4 x 45 ¹ / ₂ "	2 x 10 x 115.5cm
□ 4	I E		1 x 4 x 21 ¹ / ₄ "	2 x 10 x 54cm
□ 1	HZ	<i>Angled</i>	1 x 4 x 45 ¹ / ₂ "	2 x 10 x 115.5cm
1 x 2's				
□ 1	CN		1 x 2 x 46 ¹ / ₄ "	2 x 5 x 115.2cm
□ 2	BU		1 x 2 x 21 ¹ / ₄ "	2 x 4 x 54cm
Rafters				
□ 2	TF	Rafter (Short)	2 x 4 x 64 ⁷ / ₈ "	5 x 9 x 115.3cm
□ 2	RO	Rafter (Long)	2 x 4 x 93 ¹³ / ₁₆ "	5 x 9 x 233.4cm
□ 4	--	Gusset	9" x 24"	28 x 61cm
Wall Panels				
□ 1	--	Wall Panel	45 ¹ / ₂ " x 72"	116.2 X 183cm
□ 1	--	Wall Panel	45 ¹ / ₂ " x 35 ¹ / ₄ "	116.2 X 89.5cm
Roof Panels				
□ 1	--	Roof Panel	48" x 45 ¹³ / ₁₆ "	122 X 116.4cm
□ 1	--	Roof Panel	23 ⁵ / ₈ " x 45 ¹³ / ₁₆ "	61 X 116.4cm
□ 1	--	Roof Panel	72 x 45 ¹³ / ₁₆ "	183 X 116.4cm (SOLID ROOF ONLY)
□ 1	--	Roof Panel	15 ⁷ / ₈ " x 45 ¹³ / ₁₆ "	40.3 X 116.4cm
□ 2	--	Glass Windows (GLASS ROOF ONLY)		
□ 2	--	Aluminum Mullion Strip (Narrow) (GLASS ROOF ONLY)		
□ 1		Roll Foam Weather Strip (GLASS ROOF ONLY)		
□ 1	--	Hardware- 2"(5cm) Nails, 3"(7.6cm) Nails, 3"(7.6cm) Screws, 1-1/4" Screws & White Screws (GLASS ROOF ONLY)		