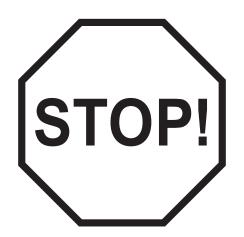
16861-F



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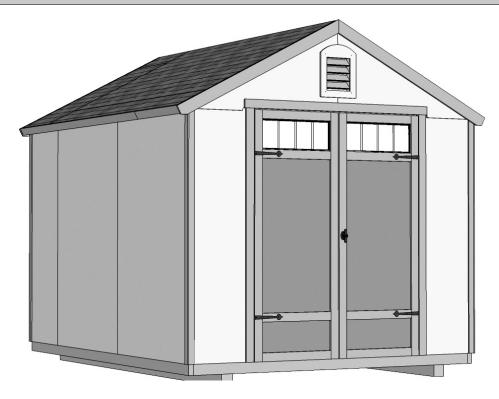


ASSEMBLY MANUAL

GABLE 8' x 10' (244 x 302,8 cm)

ACTUAL FLOOR SIZE IS 96 x 120" (243,2 x 302,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



BEFORE YOU BEGIN

• BUILDING RESTRICTIONS AND APPROVALS

Be sure to check local building department and homeowners association for specific restrictions and/ or requirements before building.

ENGINEERED DRAWINGS

Contact our Customer Service Team if engineered drawings are needed to pull local permits.

SURFACE PREPARATION

To ensure proper assembly you must build your shed on a level surface. Recommended methods and materials to level your shed are listed on page 7.

CHECK ALL PARTS

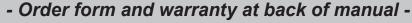
Inventory all parts listed on pages 4-6.

ADDITIONAL MATERIALS

You will need additional materials to complete your shed. See page 3 for required and optional materials and quantities.



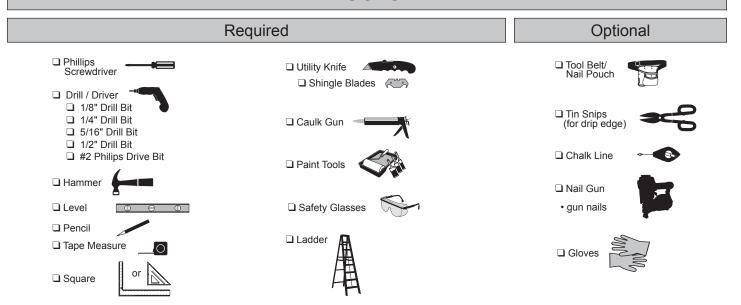
CONTACT OUR CUSTOMER SERVICE TEAM IF ANY PARTS ARE MISSING OR DAMAGED



Call: 1-877-743-3400 email: customerservice@backyardproductsllc.com



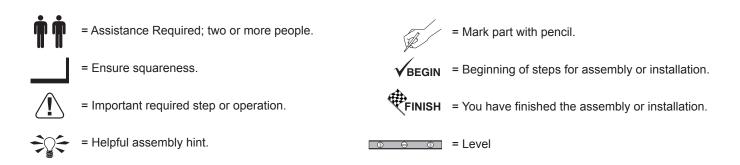
TOOLS



Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

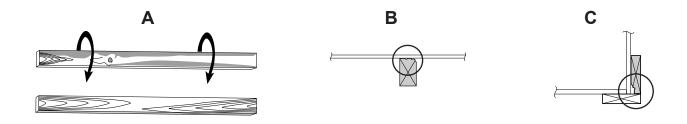
Look for these symbols for helpful reminders throughout this manual.



ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

Always install the material leaving the best edge and best surface visible. Please remember that these blemishes in no way negatively affect the strength or integrity of our product. (See Fig. $\bf A$, $\bf B$, $\bf C$.)



ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

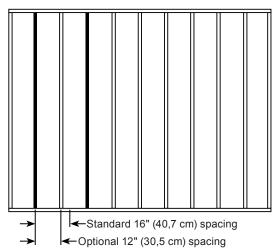
- · This shed includes a floor.
- See the FLOOR LEVELING section on page 7 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

IMPORTANT!

This floor has been designed for general use. Depending on your specific use you may want to construct a heavy duty floor frame by adding additional floor joists (shown below as shaded).

Below is a list of additional materials (not included):
x2 2 x 4 x 8' (5 x 10 x 243,8 cm) Treated Lumbe Cut to (2) 2 x 4 x 89-5/8" (5 x 10 x 227,6 cm
x8 ea. 3" (7,6 cm) Hot Dipped Galvanized Nails

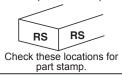


	COMPLETING YOUR SHED								
You will need these additional materials:									
	3-TAB SHINGLES 5 Bundles	1" GALVANIZED ROOFING NAILS 3 Lbs For shingles.							
	PAINT FOR SIDING	PAINT FOR TRIM2 Quarts Use 100% acrylic latex exterior paint.							
	CAULK	You must caulk completely around window frame to validate your warranty. Use a paintable exterior rated caulk.							
OPTIONAL MATERIALS									
	DRIP EDGE 50 Feet	#15 ROOFING FELT To cover 116 Sq. Ft. of roof area. 1" GALVANIZED ROOFING NAILS1/4 Lb For roofing felt							

REFER TO THE BACK OF THIS MANUAL AND THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SHINGLES, DRIP EDGE AND FELT.

PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.



Treated lumber is stamped:



WOOD SIZE CONVERSION CHART
Nominal Board Size Actual Size

PARTS LIST

	IN	IVENTORY YOUR PARTS before you begin. We suggest sorting parts by the category they are listed in.			
S S	x2	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)			
FLOOR	x2	2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)			
FL	x9	2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)			
	x1	GAA 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm) Gauge Block for 3/4" (1,9 cm) measurement (1,9 cm)			
	x2				
	x2	RD 2 x 4 x 16-1/2" (5,1 x 10,2 x 41,9 cm)			
S	x1	SBA 2 x 4 x 21" (5,1 x 10,2 x 53,3 cm)			
WALLS	x4	2 x 4 x 24" (5,1 x 10,2 x 61 cm)			
	x2	2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)			
	x1	OY 2 x 3 x 72" (5,1 x 7,6 x 182,9 cm)			
	x3	SZ 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)			
	x4	TP 2 x 4 x 96" (5,1 x 10,2 x 243,2 cm)			
RAFTERS	x10				
RA	<u> </u>	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
	x2	ROR 19/32 x 2-1/2 x 28-1/2" (5,1 x 2,5 x 72,4 cm)			
	x2	2 x 3 x 49-1/2" (5,1 x 7,6 x 125,7 cm)			
	x2	19/32 x 3-1/2 x 58-7/8" (2,5 x 8,9 x 149,5 cm)			
TRIM	x2	19/32 x 3-1/2 x 58-7/8" (2,5 x 8,9 x 149,5 cm)			
1	x1	WR 19/32 x 2-1/2 x 63" (2,5 x 6,3 x 160 cm)			
	x8	3/8 x 1-3/4 x 71-1/2" (1 x 4,4 x 181,6 cm)			
	x2				
	x2	2 DKB 19/32 x 2-1/2 x 93" (2,5 x 6,3 x 236,2 cm)			
OR	x4	FA 19/32 x 2-1/2 x 22-5/8" (2,5 x 6,3 x 57,5 cm)			
0	□ x2	69" (175,3 cm) Door Stiffener			

PARTS LIST continued WALL PANELS & DOORS							
x2							
ROOF PANELS							
Roof panels are 7/16" (1,1 cm) thick. NOTE: Panel parts are not stamped.							
7/16 x 9-3/4" x x 96" (1,1 x 24,8 x 243,2 cm)							
7/16" x 48" x 96" (1,1 x 121,9 x 243,2 cm)							
FLOOR PANELS							
Roof panels are 5/8" (1,6 cm) thick. NOTE: Panel parts are not stamped.							
5/8" x 48" x 96" (1,6 x 121,9 x 243,2 cm)							

PARTS LIST continued...

FASTENER/HARDWARE BAG





NOTE:

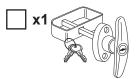
If you are using a nail gun, nails may be used where screws are shown for quicker assembly. Length of nail must match screw length.

NAIL BOXES (Shown Actual Size)

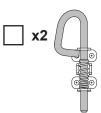
x2 BOXES		3" (7,6 cm)
	<u></u>	

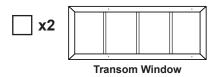
x5 BOXES 2" (5,1 cm)

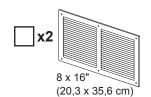
VENT, DOOR HARDWARE, AND WINDOW



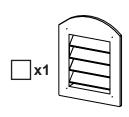








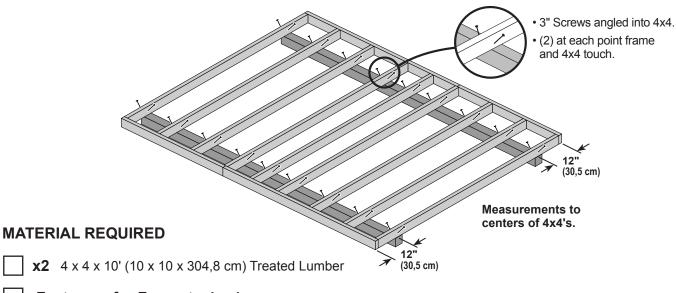




FLOOR LEVELING OPTIONS

There are multiple ways to level your floor frame. Our recommended leveling method is shown below. Leveling materials are not included in this kit.

PREFERRED METHOD - 4x4 TREATED RUNNERS

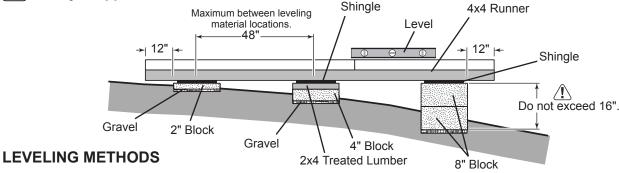


Fasteners for Frame to 4 x 4.

(3" Screws shown as one option.) Minimum (40) 3" screws / exterior grade.

Use only wood treated for ground contact and fasteners approved for use with treated wood.

Always support frame seams.



- · Level under 4x4 runners only.
- Locate leveling material 12" from ends of runners and no more than 48" apart.
- Asphalt shingles should be used between 4x4 runners and blocks or treated lumber. Never use shingles in direct contact with ground.
- For best results and aiding in water drainage use gravel under each concrete block.

LEVELING MATERIALS

Gravel
Solid Masonry Blocks in 1", 2", 4" or 8" thickness
2x4 Treated Lumber
Asphalt Shingles

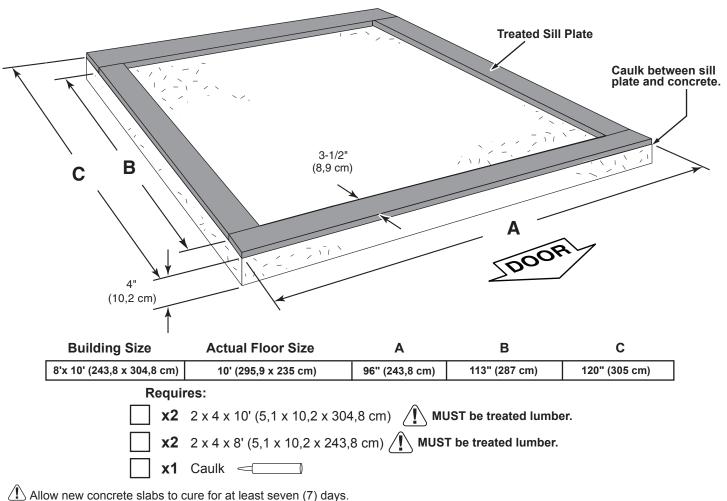
N Leveling higher than 16" not recommended.

CONCRETE

• If you are building your shed on a concrete foundation see the following page.

CONCRETE FOUNDATION

If you choose to install your kit on a concrete slab refer to the diagram below.



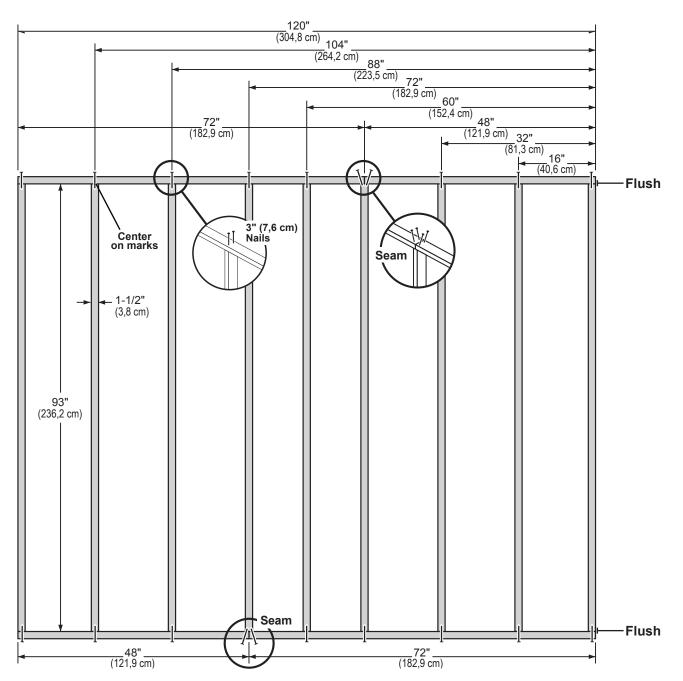
- A treated 2 x 4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete. Hint: Use treated lumber in your kit or purchase full length treated lumber.
- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten 2 x 4 (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (fasteners not included).
- Check local code for concrete foundation requirements.

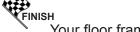
NOTES	

BEGIN

Arrange parts as shown on flat surface. Measure and mark. Secure with (2) 3" nails at each mark and (4) 3" nails at seams.







Your floor frame is now assembled.



LEVEL AND SQUARE FLOOR FRAME



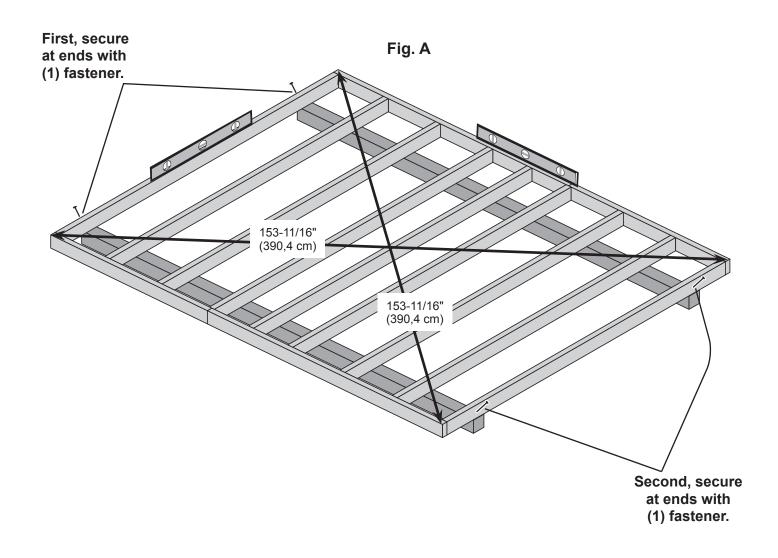
frame. STOP!

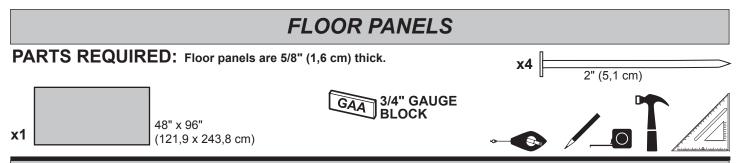
Before attaching floor decking, it is important to level and square the floor frame. A level and square floor frame is required to correctly construct your shed.

VBEGIN

- 1 See page 7 for the preferred floor leveling method.
- 2 Use level and check the frame is level before applying floor panels.
- 3 Check for frame squareness by measuring diagonally across corners. If the measurements are the same, the frame is square. The diagonal measurement will be approximately 153-11/16" (390,4 cm).
- When the frame is level and square, secure one side of frame to the 4x4 runners with one fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with (1) fastener at ends of each runner making sure the frame remains square (Fig. A).

Once the floor frame is level and square fasten the frame to the 4x4 runners at each point where the frame contacts the 4x4 runners.





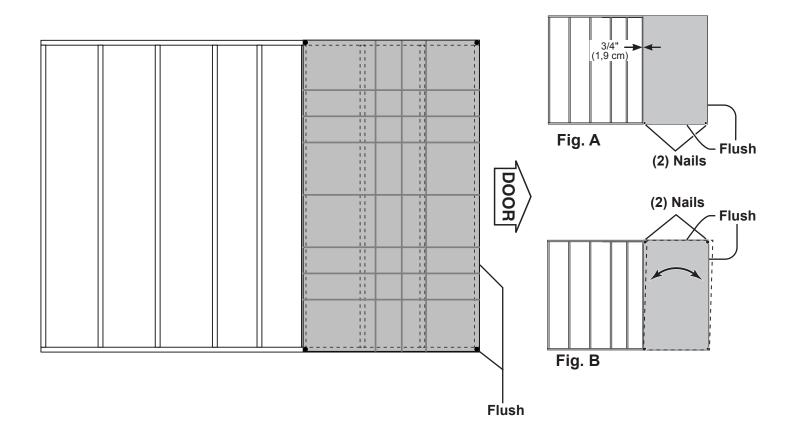
Install all floor panels with the painted grid lines facing up.

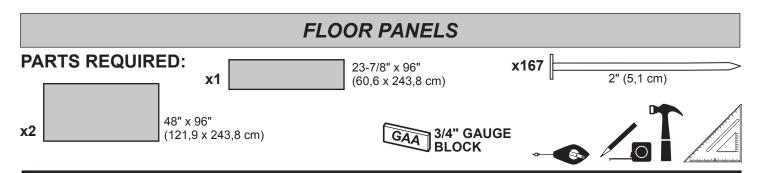
BEGIN

- Install (1) **48" x 96"** panel on the wall frame, as shown.

 Use the gauge block to mark the 3/4" side measurement floor joist.

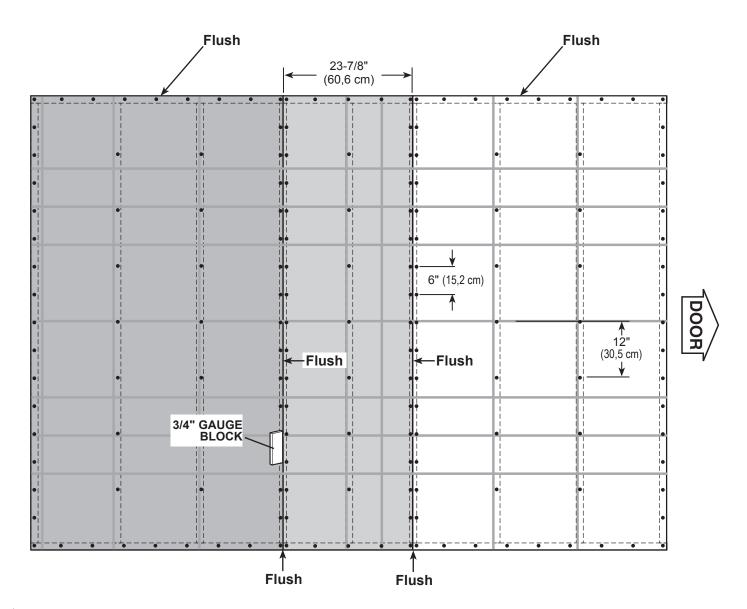
 Secure panel with (2) 2" nails in the corners (Fig. A).
- Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you have a 3/4" measurement on the floor joist. Secure corner with (2) 2" nails (Fig. B).





- Install (1) 23-7/8" x 96" panel flust to installed panel.
 Secure with 2" nails spaced 6" apart on edges and 12" apart inside panels.
- Install (1) 48" x 96" panel flust to installed panel.

 Secure with 2" nails spaced 6" apart on edges and 12" apart inside panels.



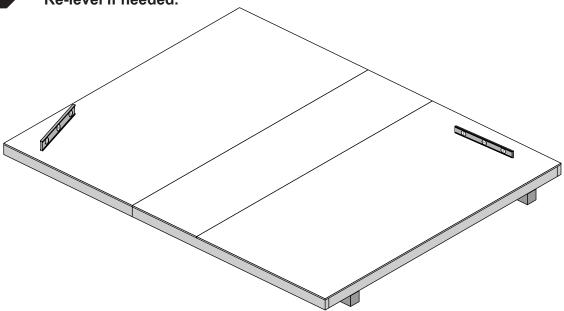


Your floor panels are now installed.

IMPORTANT!

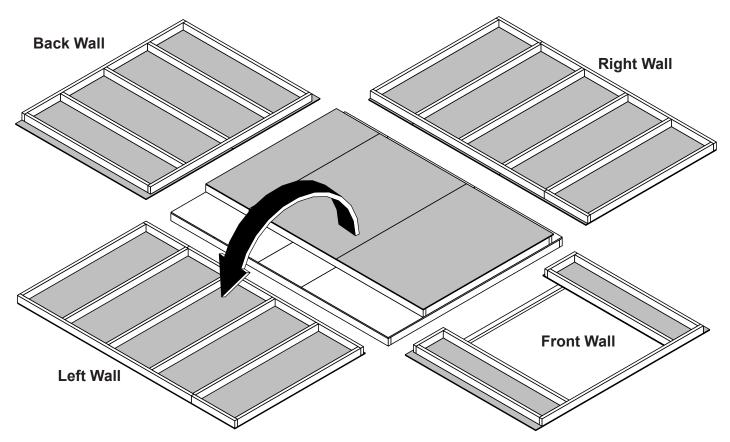


Check the floor frame is level after installing floor panels. Re-level if needed.





- The floor should be used as a stable work surface for wall construction.
- Organize your assembly procedure during the build process to avoid over-handling of the walls.

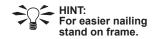


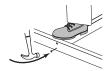
BEGIN

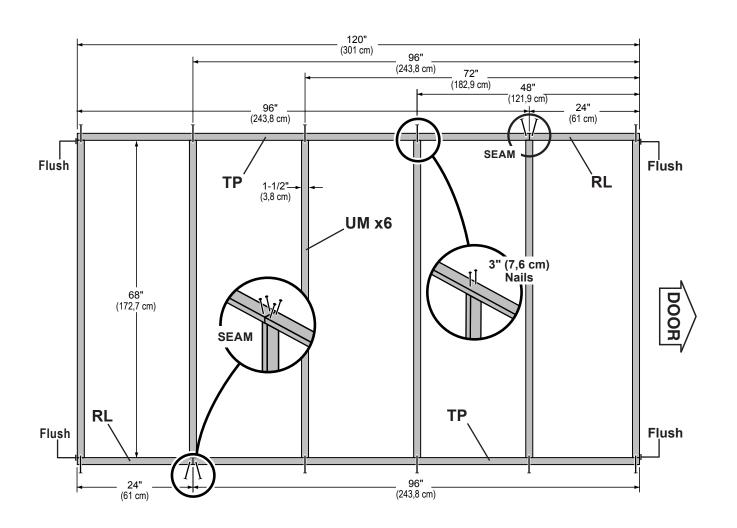


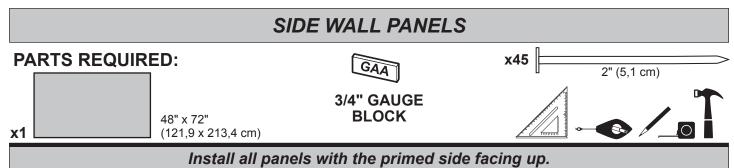
Arrange parts on edge on floor. Measure and mark.

Secure with (2) 3" nails at each mark and (4) 3" nails at seams.







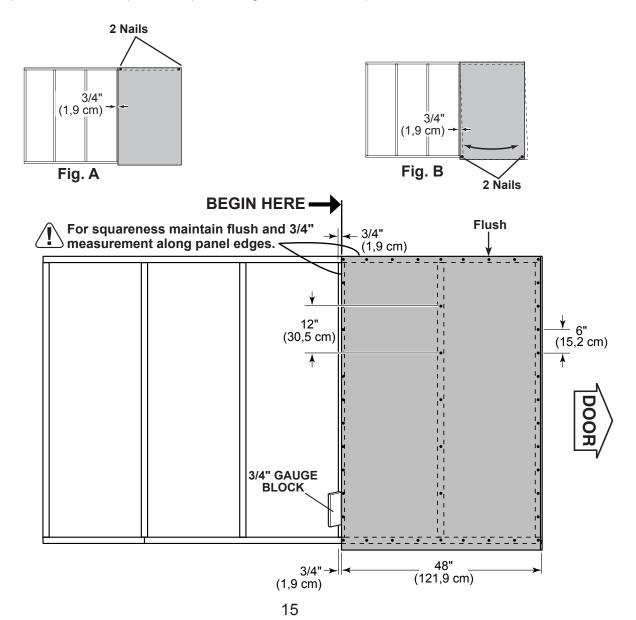


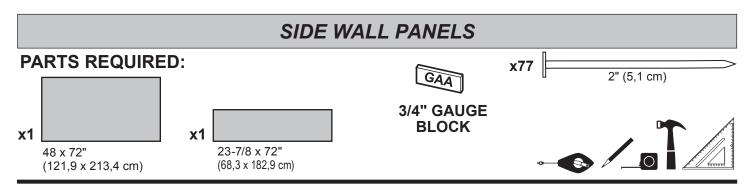
Install (1) 48" x 72" panel on the wall frame, as shown.

Use the gauge block to mark the 3/4" side measurement on the wall stud. Secure panel with (2) 2" nails in the corners (Fig. A).

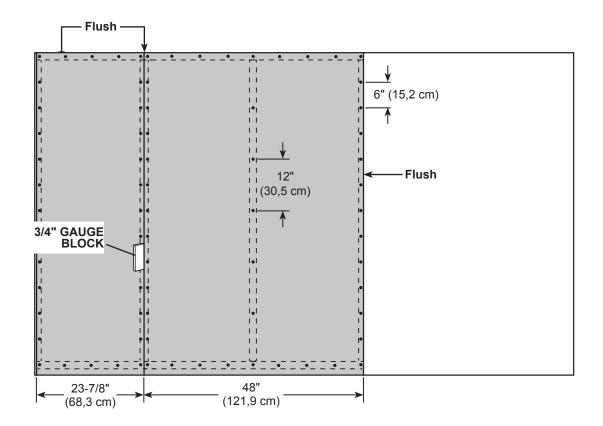
Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with (2) 2" nails (Fig. B).

Secure panel with 2: nails spaced 6" apart on edges and 12" inside panel.





Install (1) 48" x 72" panel first. Second, install the 23-7/8" x 72" panel. Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



Repeat steps to build your second side wall.



Your side walls are now assembled.

Carefully flip the side wall over.

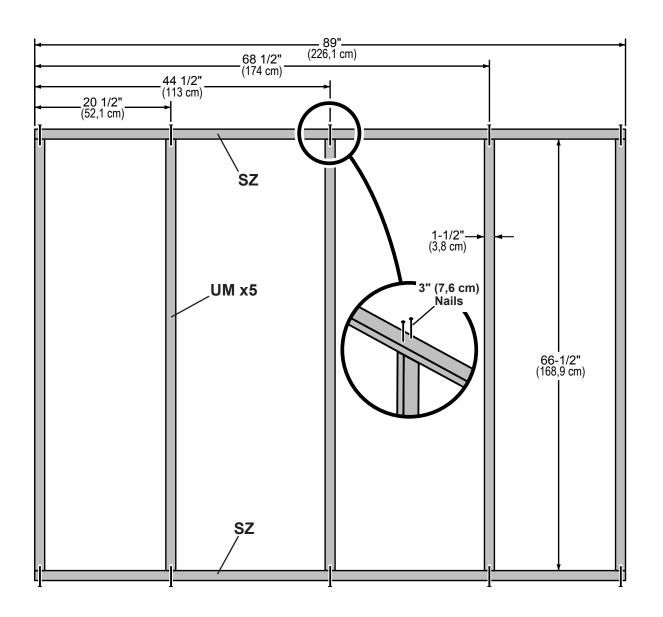


BACK WALL FRAME PARTS REQUIRED: x5 UM 2 x 4 x 68" (5,1 x 10,2 x 172,7 cm) x2 SZ 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm) BEGIN Arrange parts on edge on floor Measure and mark

Arrange parts on edge on floor. Measure and mark.

Secure with (2) 3" nails at each mark.



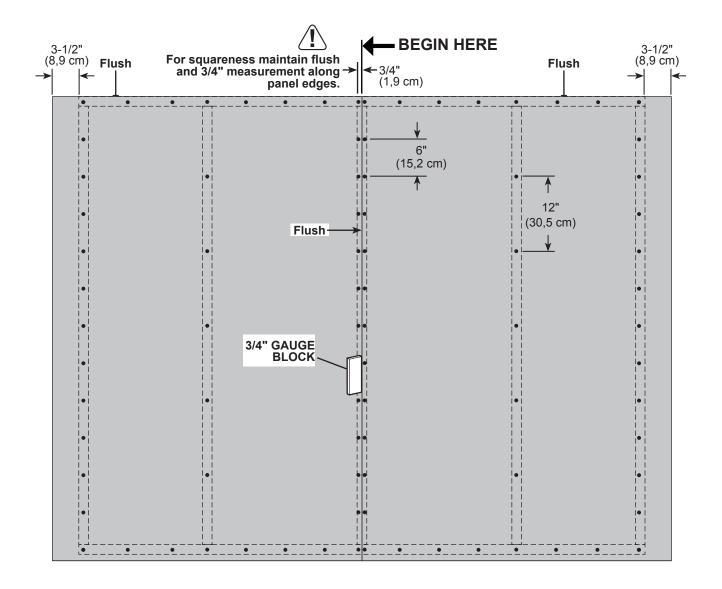


PARTS REQUIRED: x2 48" x 72" (121,9 x 182,9 cm) BACK WALL PANELS x90 2" (5,1 cm)

Install all panels with the primed side facing up.

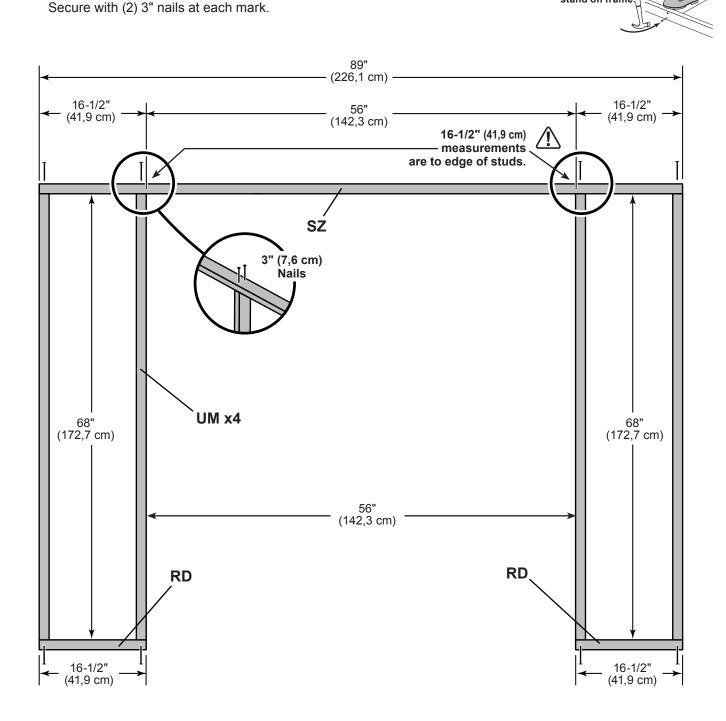
Install (2) **48" x 72"** panels, as shown.

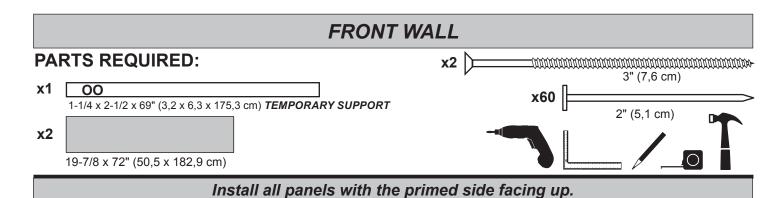
Secure panels with 2" nails spaced 6" apart along edges and 12" apart on inside of panel.





Your back wall is now assembled.

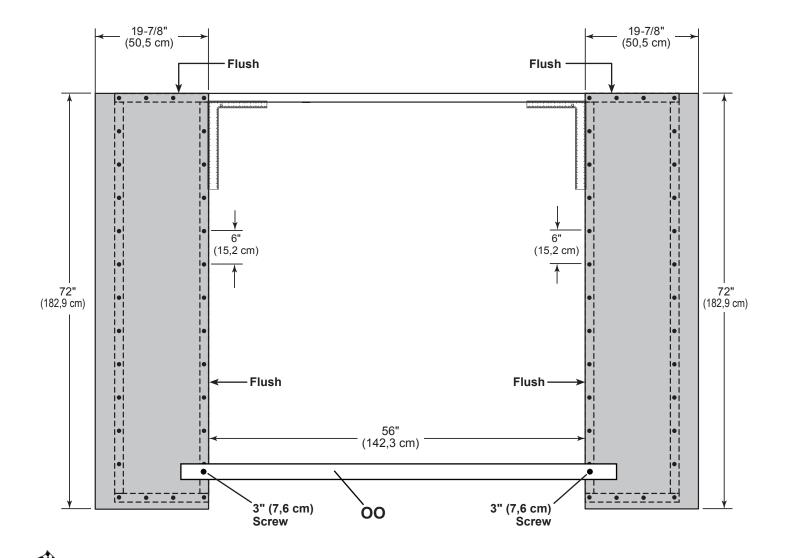




Install (2) 19-7/8" x 72" panels onto wall frame, as shown.

Secure panel with 2" nails spaced 6" apart.

Install **OO** as a brace to maintain 56" (142,3 cm) opening. Secure **OO** with (2) 3" screws.



Your front wall is now assembled.

RIGHT SIDE WALL INSTALLATION



Center right side wall.

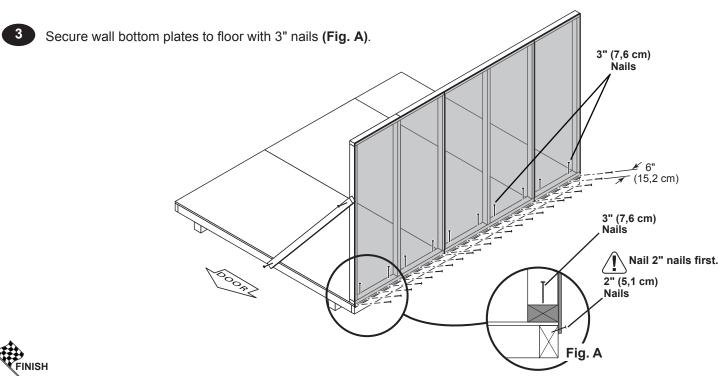
1" (2,5 cm) overlap is to the bottom.

Install OO as a temporary brace.
Secure with (2) 3" screws.

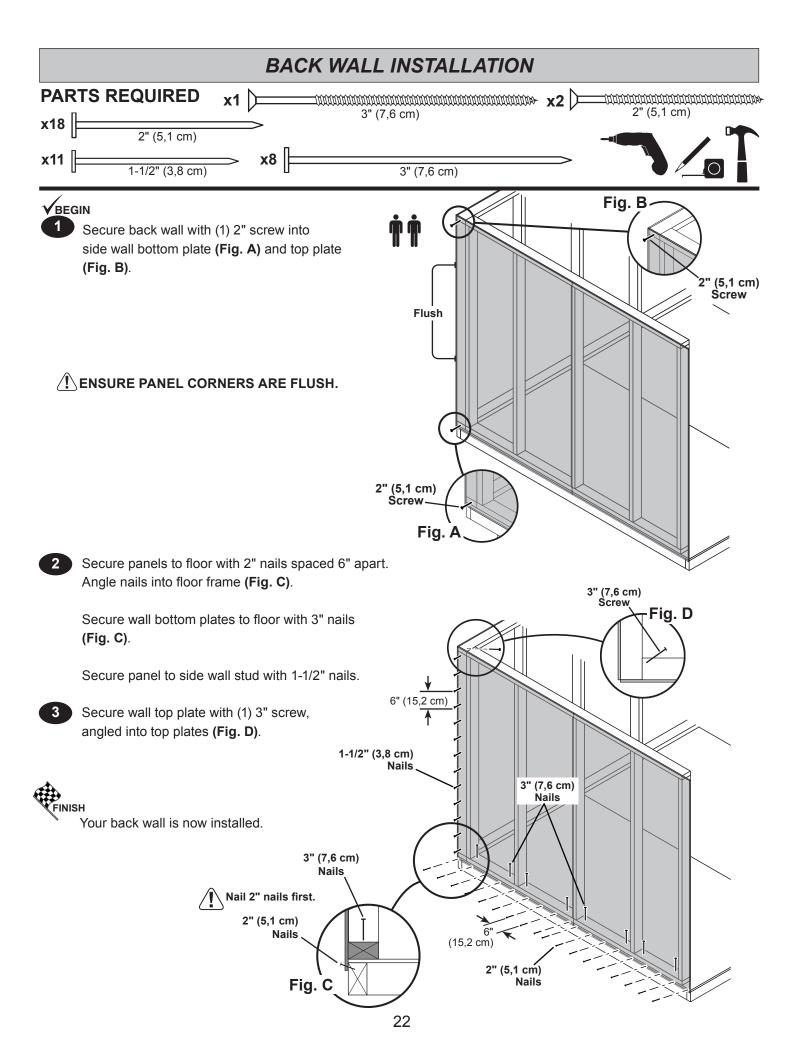
3" (7,6 cm)
Screws

1" (2,5 cm)

Secure panel to floor frame with 2" nails spaced 6" apart. Angle nail into floor frame (Fig. A).



You have finished standing your right side wall.



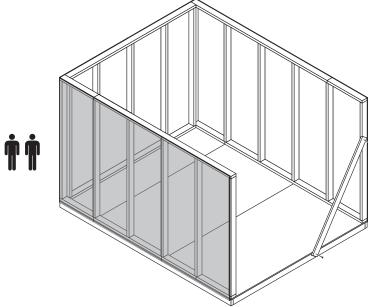
LEFT SIDE WALL INSTALLATION

PARTS REQUIRED:

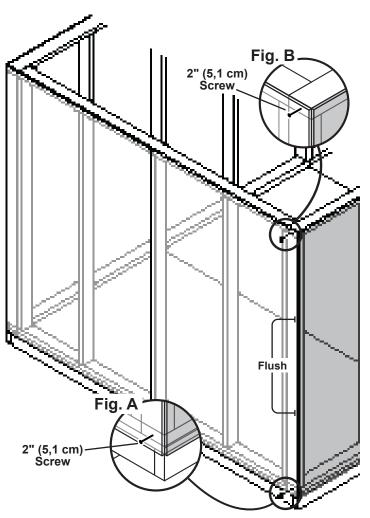




1 Install left wall, securing with (1) 2" screw through back wall panel into side wall bottom and top plates (Fig. B, Fig. A).



ENSURE PANEL CORNERS ARE FLUSH.



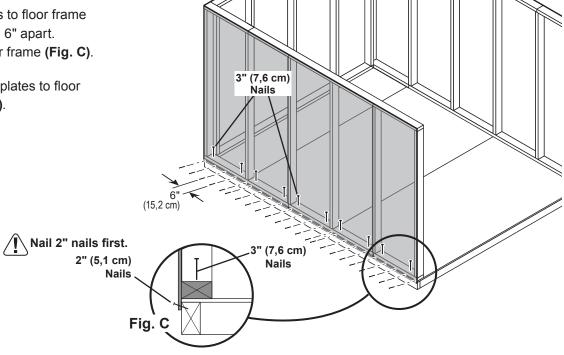
LEFT SIDE WALL INSTALLATION



Nail side wall panels to floor frame with 2" nails spaced 6" apart.

Angle nails into floor frame (Fig. C).

Secure wall bottom plates to floor with 3" nails (Fig. C).

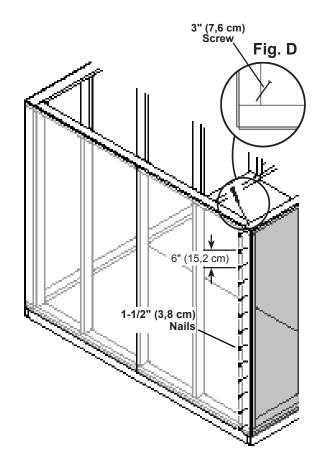


- Nail back wall panel to side wall stud with 1-1/2" nails spaced 6" apart.
- 4 Secure gable wall top plate with (1) 3" screw angled into top plates (Fig. D).



Your left side wall is now installed.

REMOVE TEMPORARY BRACING



FRONT WALL INSTALLATION PARTS REQUIRED x2) **x4** 2" (5,1 cm) 3" (7,6 cm) 3" (7,6 cm) 1-1/2" (3,8 cm) 2" (5,1 cm) Screw Fig. B **V**BEGIN Secure front wall with 2" screws into top and bottom plates (Fig. A, Fig. B). Flush PENSURE PANEL CORNERS ARE FLUSH. Flush 2" (5,1 cm) Screw Nail panels to floor with 2" nails spaced 6" apart. Fig. A Angle nails into floor frame (Fig. C). 3" (7,6 cm) Screw Secure panels to both side wall studs with 1-1/2" nails. Fig. D Secure wall bottom plates to floor with 3" nails (Fig. C). 6" (15,2 cm) Secure top plates with 3" screws, angled into top plates (Fig. D). 1-1/2" (3,8 cm) 3" (7,6 cm) Nails 3" (7,6 cm) **Nails REMOVE** Nail 2" nails first. **TEMPORARY BRACING** 2" (5,1 cm) **Nails** 2" (5,1 cm) Nails Fig. C Your front wall is now installed.

FRONT WALL HEADER

PARTS REQUIRED:

x1 OY

2 x 3 x 72" (5,1 x 7,6 x 213,4 cm)



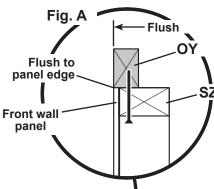


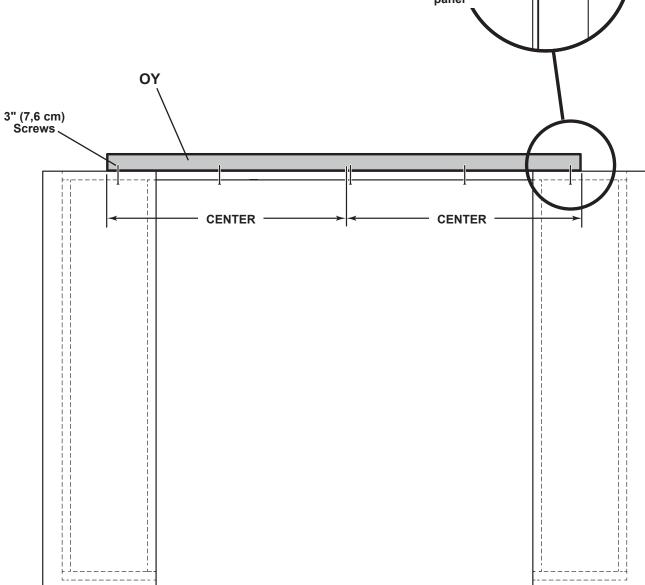




Center OY on SZ flush to edge of panel (Fig. A).

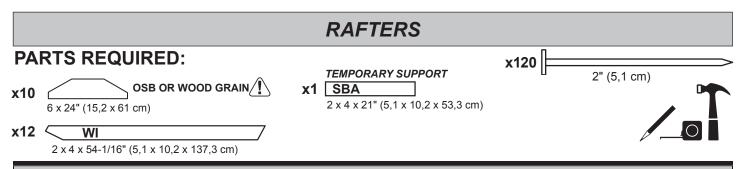
Secure with (5) 3" screws spaced evenly, as shown.







Your front wall header is installed.

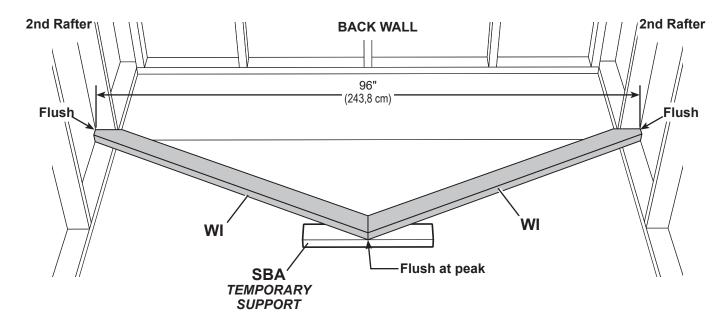


You will build Six assemblies. (4) with two gussets, and (2) with one gusset.

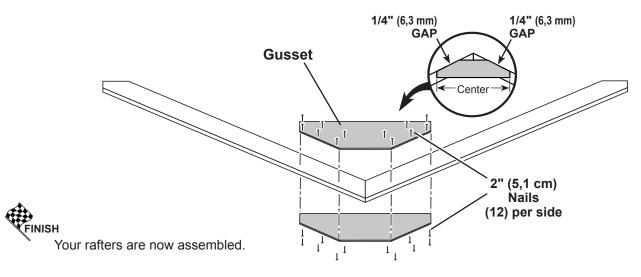
BEGIN

Place two rafter halves flush in corners of 2nd studs from back wall and flush to side wall panels.

Place temporary support **SBA** beneath rafters at peak.



- 2 Secure gusset to rafters with (12) 2" nails as shown.
 - (1) SET ASIDE TWO RAFTER ASSEMBLIES WITH ONLY ONE GUSSET ATTACHED.
- Flip rafter assembly over and repeat STEP 3 to attach second gusset to other side. Repeat STEPS 2 3 to build 3 additional rafter assemblies.



PARTS REQUIRED: x20 3" (7,6 cm) reassembled (1) GUSSET Preassembled

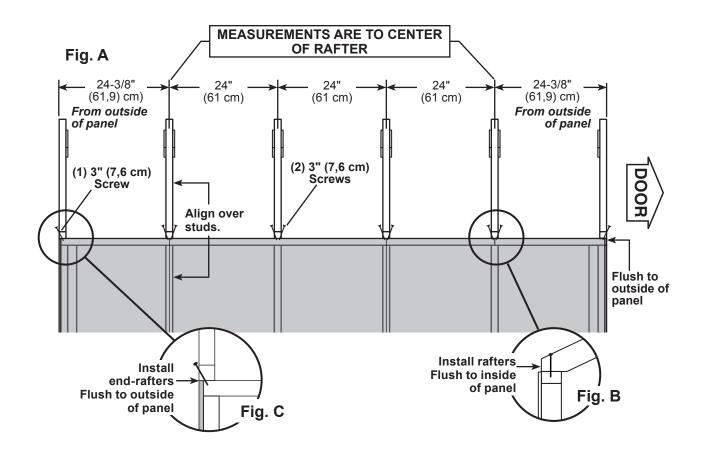


Secure rafters to top plate with (2) 3" screws in each rafter end (Fig. A, Fig. B).



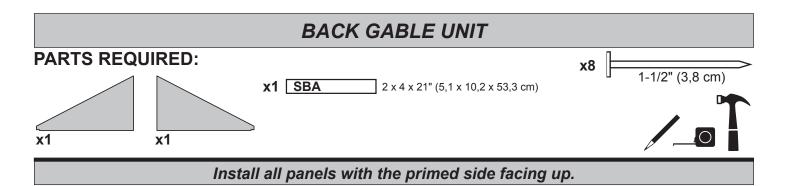
- Note single-gusset rafters at front & back walls with gusset facing inward.

Secure single-gusset rafters to top plate with (1) 3" screw in each rafter end (Fig. C).



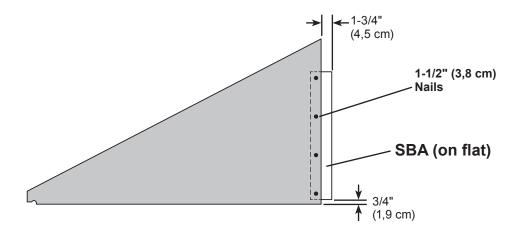


Your rafters are now installed.

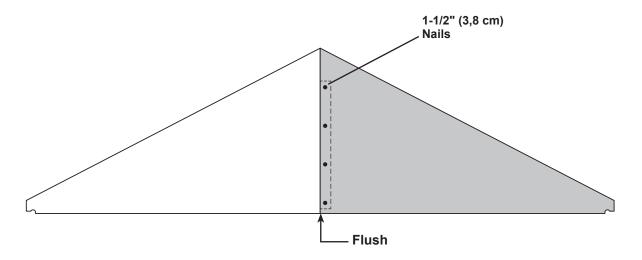


√BEGIN

Place left gable panel on **SBA** as shown. Secure with 1-1/2" nails as shown.



Place right gable panel flush to left panel. Secure with 1-1/2" nails, as shown.





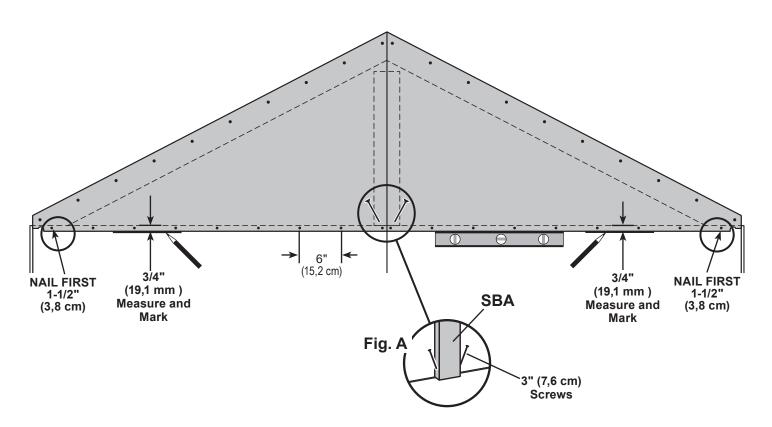
Your back gable unit is now assembled.

PARTS REQUIRED: x38 1-1/2" (3,8 cm) x2 3" (7,6 cm) 3" (7,6 cm)

BE SURE GABLE IS CENTERED ON WALL BEFORE NAILING.



- **√**BEGIN
 - Measure 3/4" down from top plate and mark at each side, as shown. Set gable unit on top plate. Secure with (1) 1-1/2" nail on each side.
- 2 Continue nailing lower edge of panels into top plate with 1-1/2" nails spaced 6" apart. Secure panels to rafter with 1-1/2" nails spaced 6" apart.



Working inside, secure gable unit with (2) 3" screws into SBA (Fig. A).



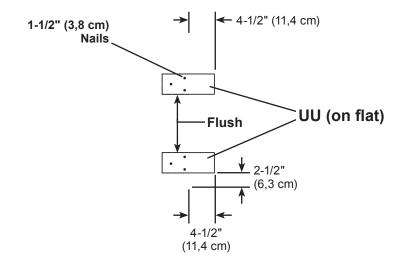
Your back gable unit is now installed.

FRONT GABLE UNIT PARTS REQUIRED: x12 1-1/2" (3,8 cm) **x2** UU 2 x 4 x 9" (5,1 x 10,2 x 16,5 cm) **x1 x1**

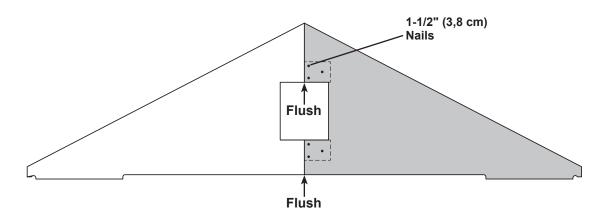
Install all panels with the primed side facing up.

√BEGIN

Place left gable panel on parts **UU**, as shown. Secure with 1-1/2" nails, as shown.



Place right gable panel flush to left panel. Secure with 1-1/2" nails, as shown.



Your front gable unit is now assembled.

PARTS REQUIRED: x40 1-1/2" (3,8 cm) x2 3" (7,6 cm)

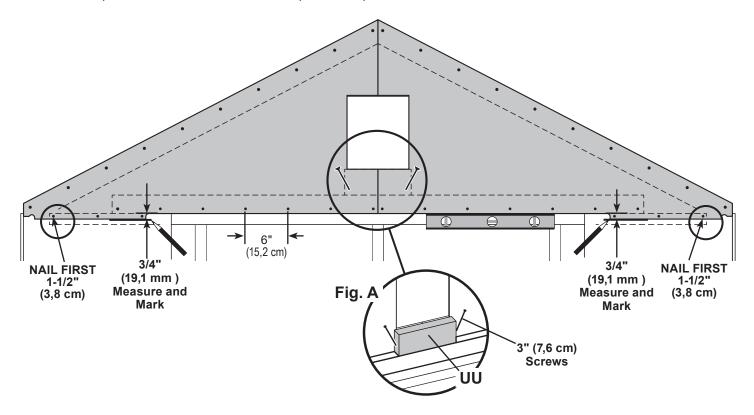
BE SURE GABLE IS CENTERED ON WALL BEFORE NAILING.



VBEGIN

- Measure 3/4" down from top plate and mark at each side as shown. Set gable unit on top plate. Secure with (1) 1-1/2" nail on each side.
- Continue nailing lower edge of panels into top plate with 1-1/2" nails spaced 6" apart.

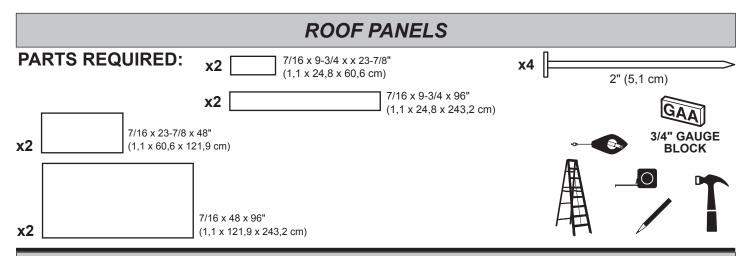
 Secure panels to rafter with 1-1/2" nails spaced 6" apart.



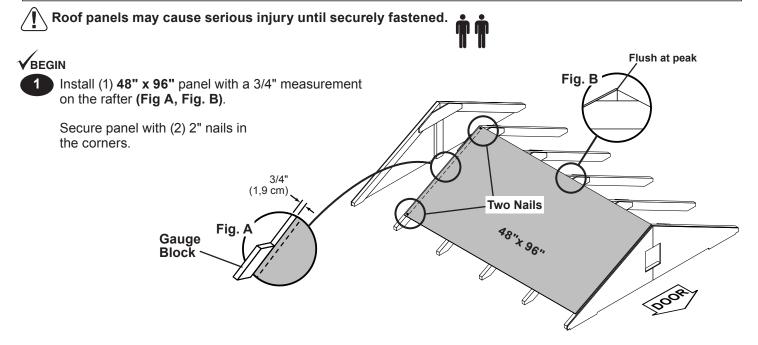
Working inside, secure gable unit connector **UU** with (2) 3" screws into nailer **OY** at an angle **(Fig. A)**.



Your front gable unit is now installed.



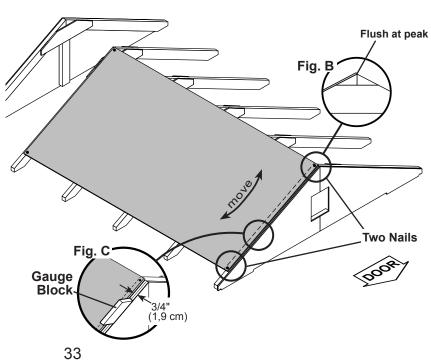
Install all roof panels with the rough side facing up (painted grid lines side).



Move to the opposite end of panel. Maintain panel flush at peak (Fig. B).

> Use GAA gauge block for 3/4" measurement along outside edge of gable panel (Fig. C).

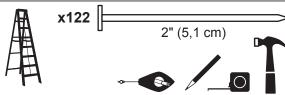
Secure panel with (2) 2" nails in the corners.



ROOF PANELS

PARTS REQUIRED:

in the corners.



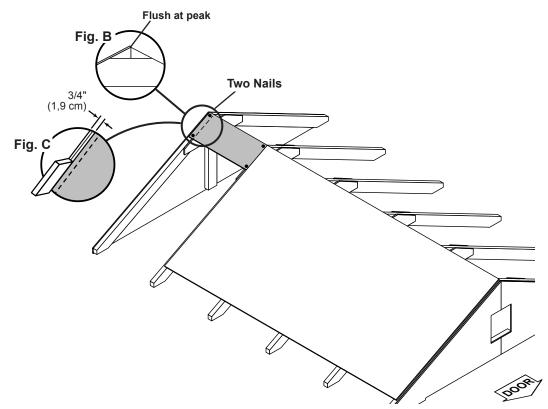
Install 9-3/4"x 23-7/8" roof panel flush to installed panel and flush at rafter peak (Fig. B).

Secure with (2) 2" nails into panel corners, as shown.

Move to the opposite end of panel. Maintain panel flush at peak (Fig. B).

Use GAA gauge block for 3/4" measurement along outside edge of gable panel (Fig. C).

Secure panel with (2) 2" nails



ROOF PANELS

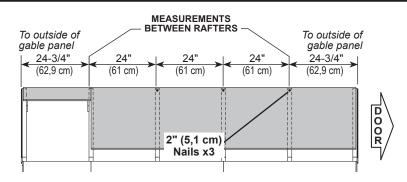
PARTS REQUIRED:



Maintain spacing between the center of the rafters.

Secure with (1) 2" nail into each rafter (Fig. D).

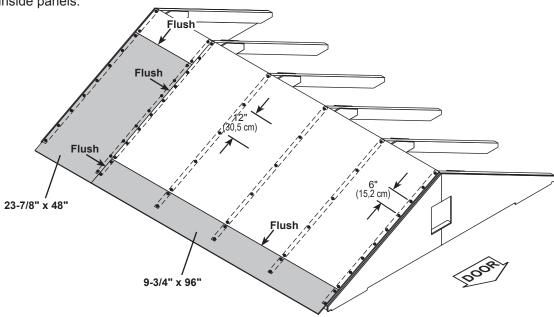
Fig. D



6 Install 23-7/8" x 48" and 9-3/4" x 96" roof panels flush to installed panels, as shown.

Secure roof panels with 2" nails spaced 6" apart

along edges and 12" inside panels.

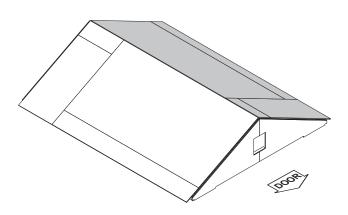


Repeat steps to attach roof panels on the opposite side.

Install panels in opposite pattern, as shown.



Your roof panels are now installed.



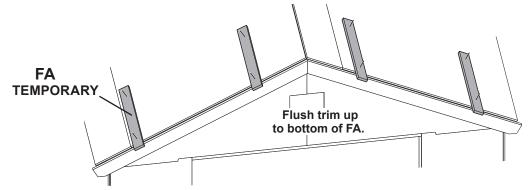
Company of the image of the

Install all trim boards with the primed side facing out.

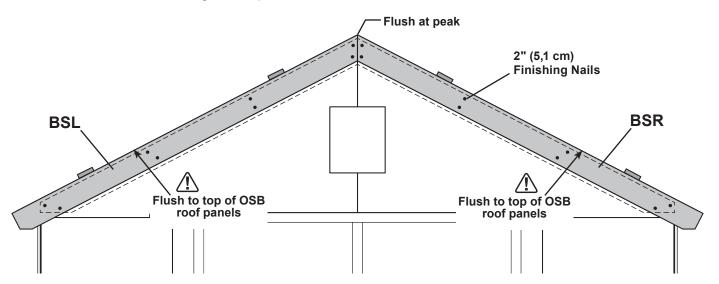
Use FA as temporary ledger-boards to help install trim boards.

VBEGIN

Install (4) **FA** projecting out past edge of OSB roof panels, two on each side of roof, as shown. Fasten each with 2" finishing nails. **Do not sink nails completely.**



Install **BSL** and **BSR** flush at rafter peak and flush to top of OSB roof panels. Fasten trim with 2" finishing nails in pattern shown.



Remove temporary roof ledger boards.

Repeat steps to install the back gable trim.



Your front and back gable trim is now installed.

EAVE SOFFIT 2 x 3 x 49-1/2" (5,1 x 7,6 x 125,7 cm) x28 1-1/4" (3,2 cm)

BEGIN

x2 EFC

x2 OY

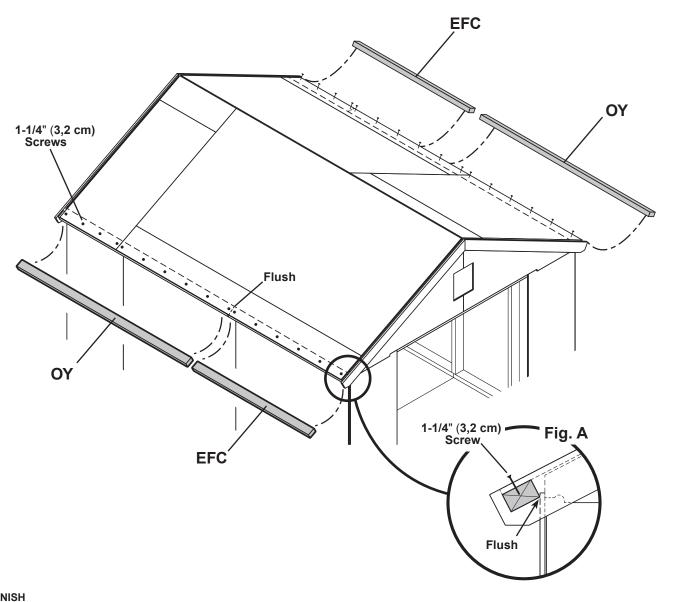
PARTS REQUIRED:

1

Place parts OY and EFC flush to bottom of roof overhang and wall panel as shown (Fig. A).

2 x 3 x 72" (5,1 x 7,6 x 182,9 cm)

Secure with 1-1/4" screws in the pattern shown.



You have finished installing your eave soffits.

EAVE FASCIA D: 2 x 2-1/2 x 28-1/2" (5,1 x 6,3 x 72,4 cm) 2" (5,1 cm)

Install all trim boards with the primed side facing out.

BEGIN

x2 ROR

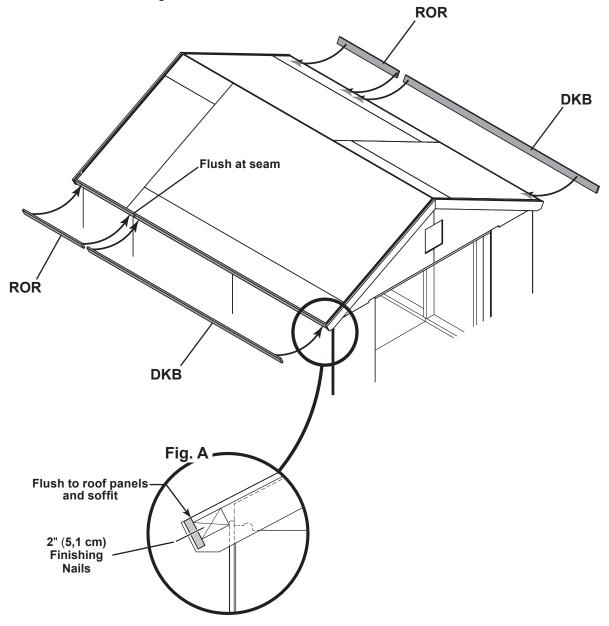
x2 DKB

Install eave fascia boards ROR and DKB, as shown (Fig. A).

Secure with 2" finishing nails.

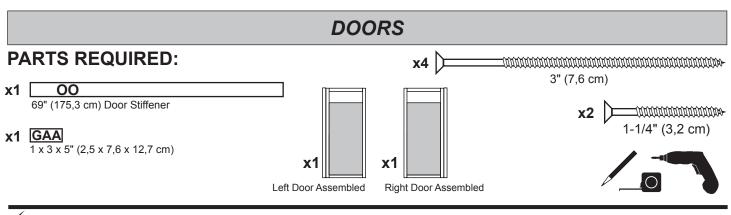
19/32 x 2-1/2 x 93" (2,5 x 6,3 x 236,2 cm)

PARTS REQUIRED:





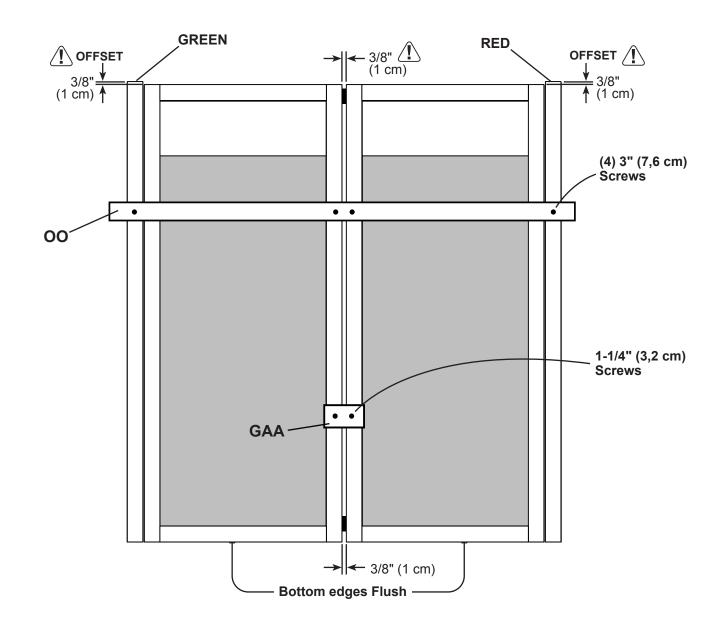
You have installed your eave fascia.



√BEGIN

Arrange parts as shown, on flat surface. Ensure that the 3/8" offset is to top. Look for red (right) and green (left) on hinge board.

Attach temporary supports **OO** and **GAA** as shown.



DOORS

PARTS REQUIRED:

x12 3" (7,6 cm)

x1 00

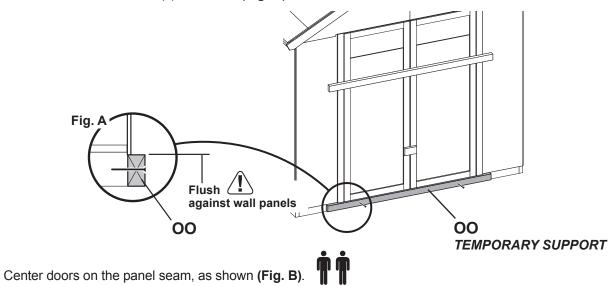
OO TEMPORARY SUPPORT

69" (175,3 cm) Door Stiffener



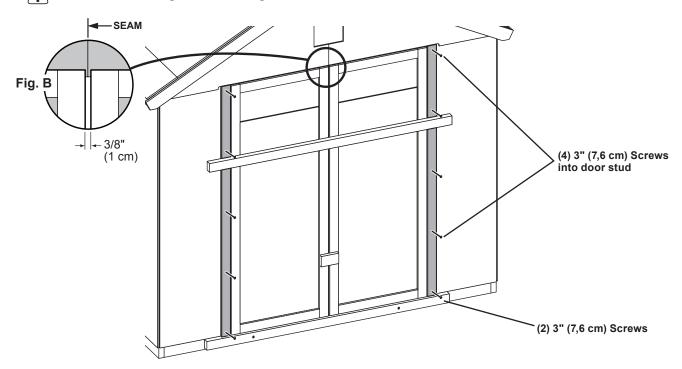
2 Install **00** flush under panels.

Secure to floor frame with (2) 3" screws (Fig. A).



Secure hinge boards to wall innner framing with (10) 3" screws as shown.

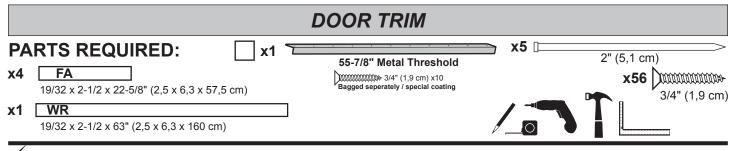
Make sure screws go into framing.



Remove temporary supports and ensure that the doors open and close properly.

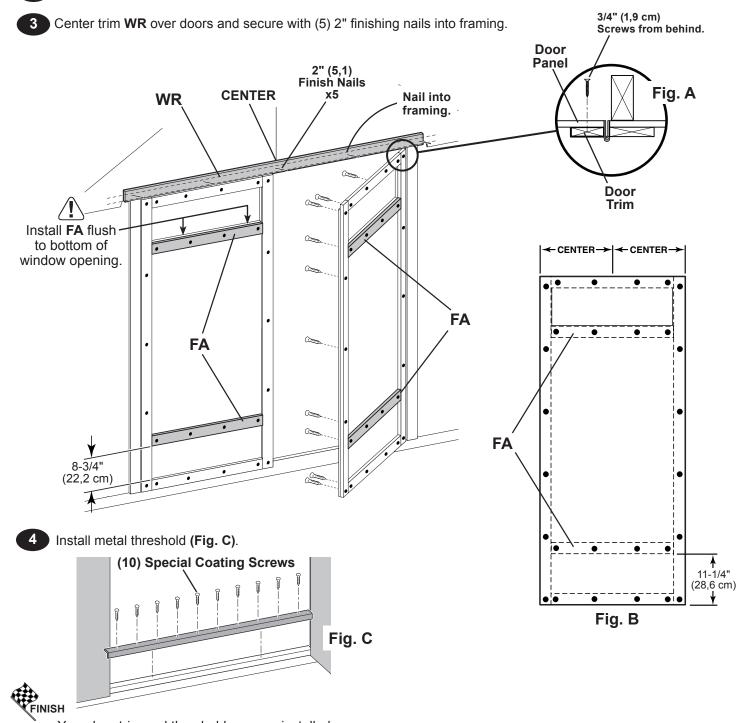


You have finished installing your doors.



BEGIN

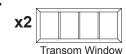
- 1 Reinforce the door trim using 3/4" screws through door panel into trim (Fig. A, Fig. B).
- 2 Fasten horizontal door rails **FA** using 3/4" screws from inside of doors, as shown.

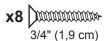


Your door trim and threshold are now installed.

DOOR TRANSOM WINDOWS

PARTS REQUIRED:





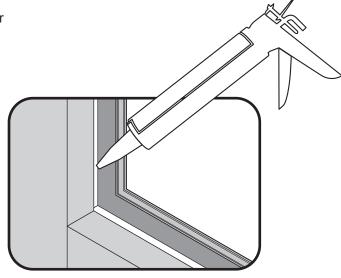


BEGIN

Apply high quality exterior-grade caulk behind frame near edge before installing to seal window.

You must caulk completely around window frame and all exposed door panel edges and trim to validate your warranty.

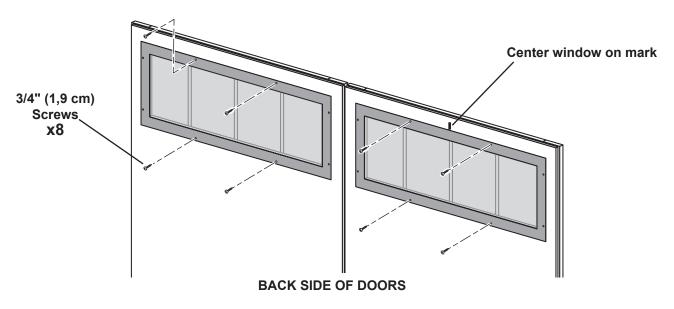
Use a paintable exterior rated caulk.



FRONT SIDE VIEW

Install window from the back side of the door.
Center the window looking at the front of the door,
make sure there is an even reveal along the trim of the door and the window.

Use 3/4" screws to secure the window.





Your transom windows are installed.

DOOR STIFFENERS

PARTS REQUIRED:

00

69" (175,3 cm) Door Stiffener

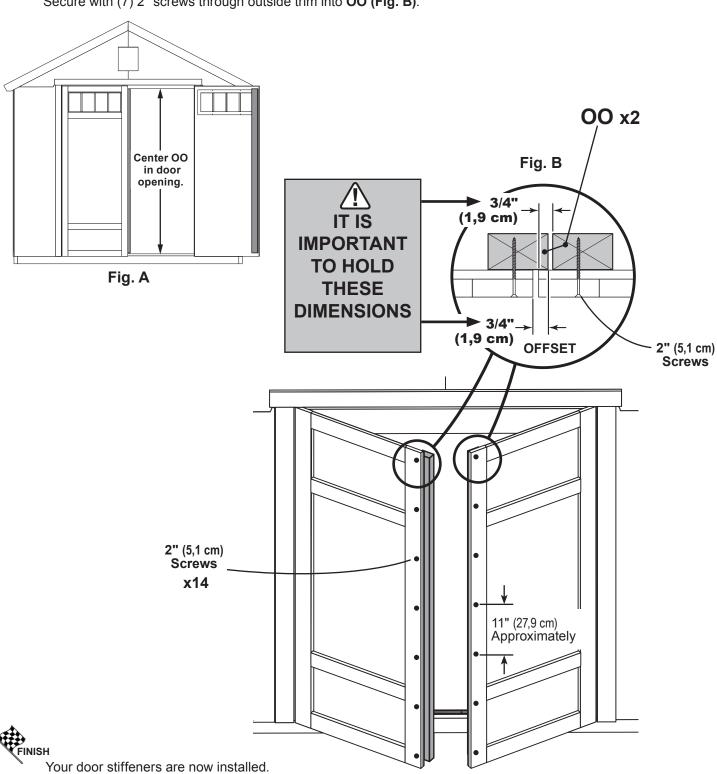


BEGIN



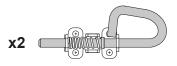
Center OO's vertically on the left and right doors as shown (Fig. A, Fig. B).

Secure with (7) 2" screws through outside trim into OO (Fig. B).



DOOR HARDWARE

PARTS REQUIRED:





BEGIN

Place spring bolt onto **OO** in open position with bolt end 3/8" down from frame. Bolt is open when loop is contacting base (**Fig A**).

Mark and pre-drill holes for screws.

- Install bolt with screws supplied and drill 5/16" hole for bolt to extend into.
- Place bolt onto **OO** in open position with bolt end 1/2" up from floor. Bolt is open when loop is contacting base (**Fig B**).

Mark and pre-drill holes for screws.

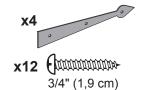
Install bolt with screws supplied and drill 5/16" hole for bolt to extend into.

Fig. A LOCATE AND PRE-DRILL HOLES TO AVOID SPLITTING WOOD **OVER DOOR FRAME** 5/16" drill for bolt: 1" deep. **OO**. 1-1/4 x 2-1/2 x 69" 3/8" with bolt in open position. (*11111111111111* ×4 ⊕₹ PRE-DRILL (4) HOLES **OPEN POSITION,** Spring is loose. oop contacts base. **LEFT** 1-1/4 x 2-1/2 x 69" **DOOR** Loop contacts base. **x4** *(mmmmm*) **OPEN POSITION,** Spring is loose. PRE-DRILL (4) HOLES **FLOOR** 1/2" 5/16" drill for bolt: 1" deep. Your spring bolts are now installed.

DOOR HARDWARE / DECORATIVE HINGES

PARTS REQUIRED:









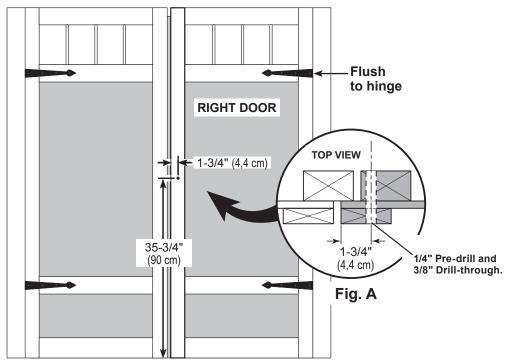
BEGIN



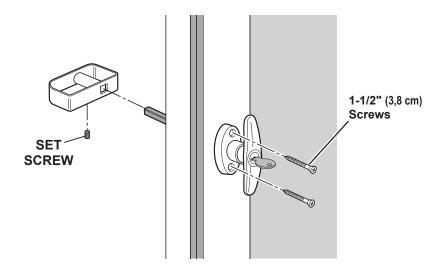
Measure and mark location of hole on outside of right door as shown **(Fig. A)**. Pre-drill hole with 1/4" drill.

Re-drill hole with 3/8 " drill.

Keep drilled hole square to trim to avoid breaking edge of door stiffener.



- 2 Insert handle in hole and secure with 1-1/4" screws.
- 3 Attach inside handle and secure with set screw.
- Install decorative hinges on horizontal trim and flush against hinge, as shown.





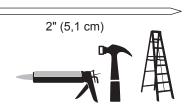
Your T-handle and decorative hinges are now installed.

CORNER TRIM

PARTS REQUIRED:

8x

3/8 x 1-3/4 x 71-1/2" (1 x 4,4 x 181,6 cm)



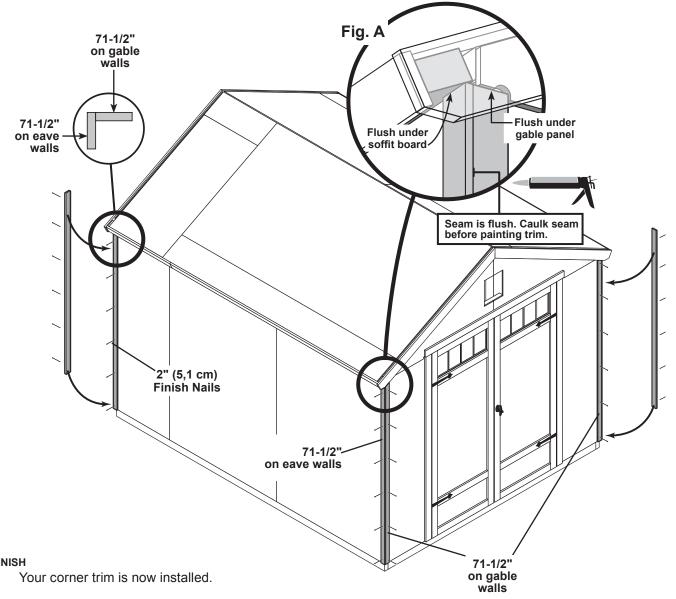
x48 🗆

√BEGIN

- Front and back **71-1/2"** corner trim is flush under gable panel **(Fig. A)** and flush along the face of side wall panel. Secure with 2" finishing nails, spaced evenly.
- Install **71-1/2"** side corner trim is flush under soffit board and flush along edge of front and back corner trim.

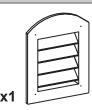
Secure with 2" finishing nails, spaced evenly.

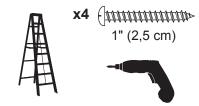
Repeat steps to install trim to all four corners.



GABLE VENT

PARTS REQUIRED:



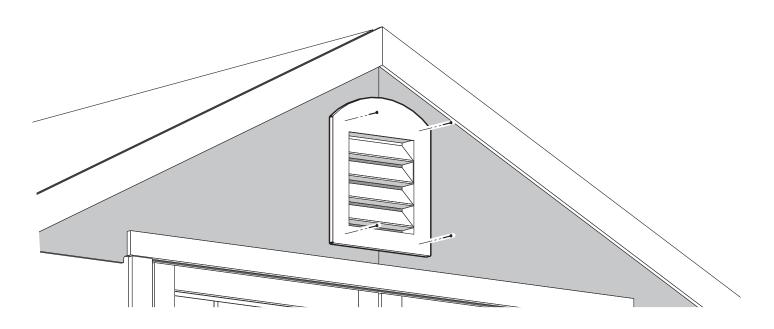




Caulk behind vent flanges.

Install vent in front gable.

Secure with 1" screws.





FINISH

Your gable vent is installed.

WALL VENTS





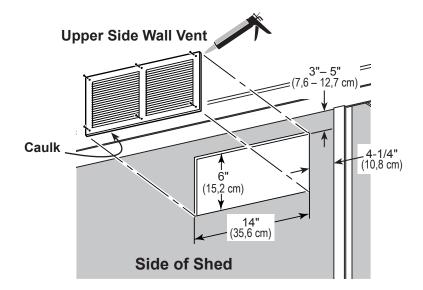
You can place your side wall vent on either side of shed

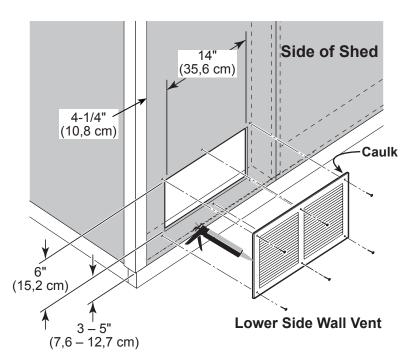


Locate and mark for vents in side walls. Install (1) vent near the floor and (1) vent near the eave.

Caulk behind vent flanges.

Secure with 1/2" screws.







Your wall vents are now installed.

PAINT & CAULK - NOT INCLUDED -



- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all
 around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
 - · Bottom edge of all siding and trim
 - · Inside of doors and all 4 edges

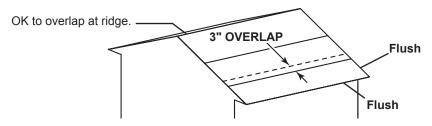
Note:

Prime all un-primed exterior wood before painting. (Follow directions provided by manufacturer.)

ROOF FELT

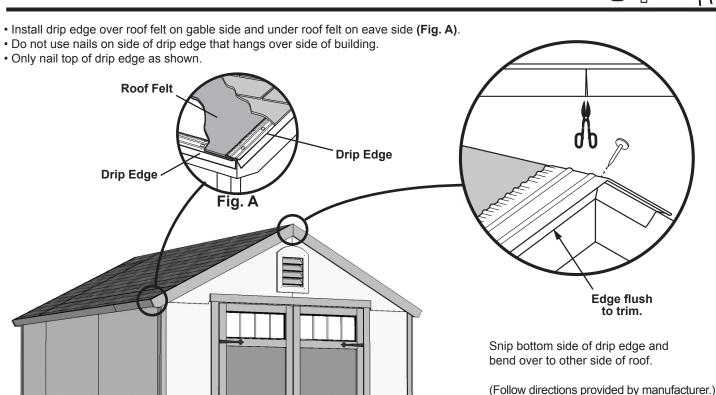
- NOT INCLUDED -

• Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.



DRIP EDGE- NOT INCLUDED -





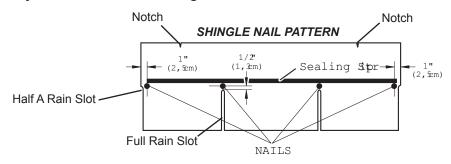
SHINGLES - NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.





Familiarize yourself with a 3-Tab Shingle.



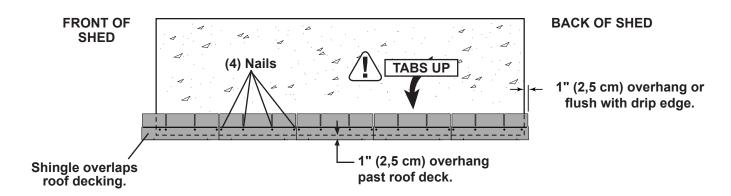
NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

VBEGIN

1

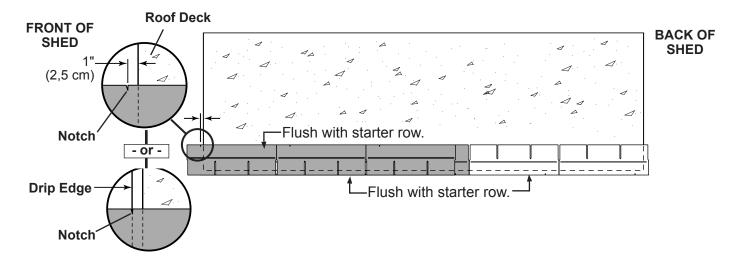
Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle. Starter row must be straight and level all the way across with lower edge of roof deck.

NOTE: If you have installed drip edge install shingles flush to drip edge.

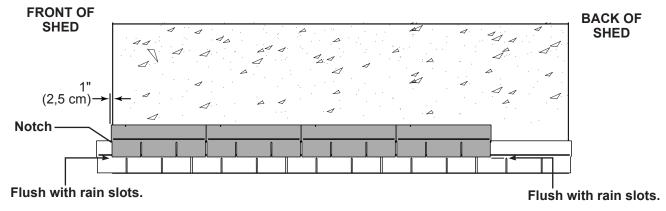


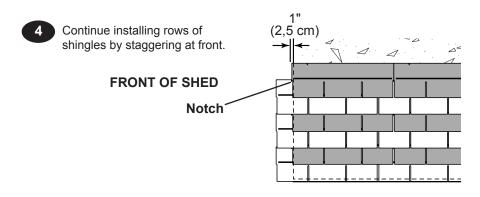
SHINGLES continued...

Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

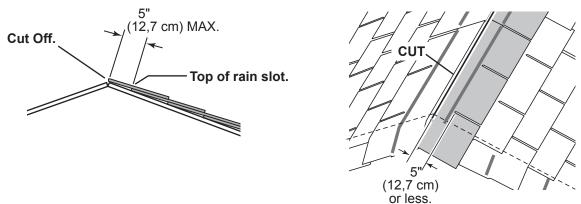




SHINGLES

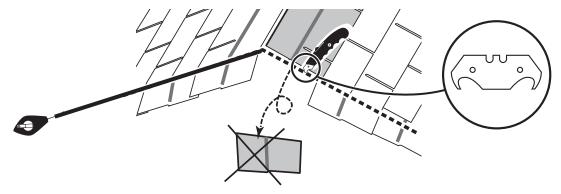
continued...

Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.



- If more than 5" to rain slot you must install another row of shingles.

- Repeat steps 1 5 to shingle the opposite side of your roof. Trim shingles at ridge.
- Once both sides are shingled you need to trim ends. Strike a chalk line 1" from edge.
- Using your shingle hooked blade carefully cut shingles along chalk line.

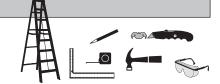




You have finished shingling your roof. Proceed to capping the ridge.

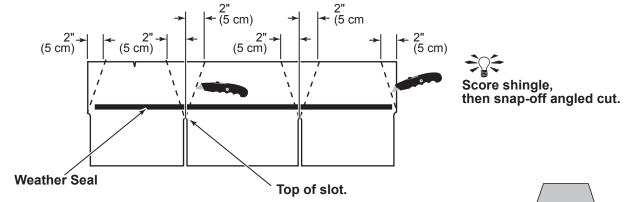
SHINGLES - RIDGE CAP

• You will finish off the top of the roof with a ridge cap made from shingles.



VBEGIN

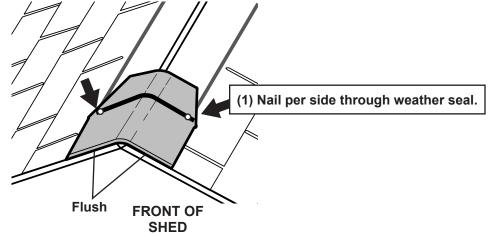
Cut shingles into THREE pieces. Hint: Use cut-off pieces first.



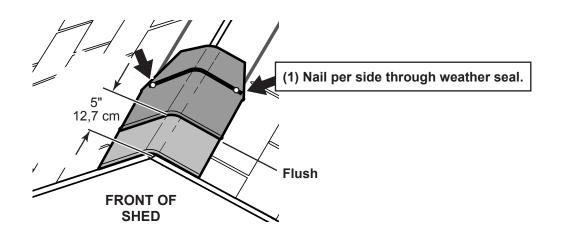
Note: • You will need about 27 - 29 cut pieces.



2 Install first ridge cap flush to shingles at front, as shown.



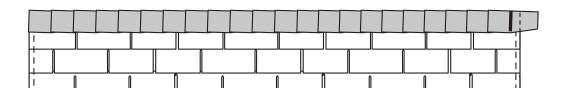
3 Install second ridge cap 5" back, as shown.



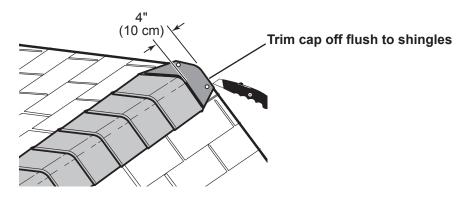
SHINGLES - RIDGE CAP

continued...

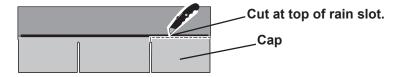
4 Continue installing ridge cap to back of roof.



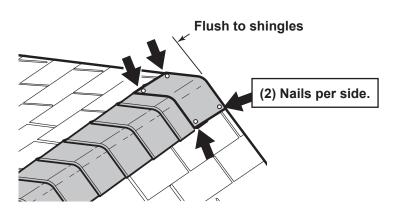
5 Make sure there is 4" between the shingle-color and edge of shingles.



6 When you have 4" minimum of shingle color cut one piece to cap your roof.



7 Install flush to shingles.



FINISH

You have finished your ridge cap.

16861-F 8' x 10' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM#	BUILDING QTY.	PART ID
	Soffit "A"/Nailer	LUM SPF 2 X 3 X 72 #2&BTR	Q 72000000000	3	OY
2 X 3	Soffit "B"	2 X 3 X 49 1/2"	Q 49080000000	2	EFC
2 X 4	Gable Connector - Front	2 X 4 X 9"	O 09000000000	2	UU
	Gable Connector - Back	2 X 4 X 21" PRE-CUT NEED ANGLE	O 21000000000	11	SBA
	Rafter	2 X 4 X 54 1/16" 27.5* RAFTER	O 54012727000	12	WI
	Front/Back Wall Plate	*2 X 4 X 89" PLATE	O 89000000000	3	SZ
	Sidewall Plate "A"	LUM SPF 2X4X96 #2&BTR	12306	4	TP RL
	Sidewall Plate "B" Frontwall Bottom Plate	2 X 4 X 24" DOUBLER / PLATE 2 X 4 X 16-1/2"	O 24000000000 O 16080000000	<u>4</u> 2	RD
	Wall Stud	2 X 4 X 68" STUD	O 6800000000	21	UM
	Wali Stud	2 X 4 X 00 310D	0 00000000000	21	1 0111
2 X 4 TREATED FLOOR FRAME	Floor Joist	LUM TRTD 2 X 4 X 93 #2&BTR	P 93000000000	9	T
	Bond Board "A"	LUM TRTD 2 X 4 X 72 #2&BTR	P 72000000000	2	
	Bond Board "B"	LUM TRTD 2 X 4 X 48 #2&BTR	P 48000000000	2	
	<u>I</u>	Edm INTO EX TX TO WESSELL		-	
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
TATTINE	Oddge Block	TXOXOTINETIEEEN	0 0000000000		UAA
	Roof Panel "A"	OSB 7/16" x 4' x 8'	11110	2	
7/16 OSB	Roof Panel "B"	7/16" OSB 9-3/4" X 96" ROOF PANEL	C 96000912000	2	
	Roof Panel "C"	7/16" OSB 23 7/8" X 48" ROOF &	C 48002314000	2	
	Roof Panel "D"	7/16" OSB 9-3/4" X 23 7/8" ROOF	C 23140912000	2	
	•			-	
E/O CC=	Floor Panel "A"	OSB 5/8" X 4' X 8'	11117	2	
5/8 OSB	Floor Panel "B"	5/8" OSB 23 7/8" X 96" FLOOR	E 96002314000	1	
	•	•	•		
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28*-	J 24000600280	10	
	B*				
	Frontwall Panel	3/8" NG 19-7/8" X 72"	K 7200191400A	2	
NO GROOVE SIDING	Wall Panel	SIDING NGSE 3/8X4'X6'	11509	6	
	Sidewall Panel	3/8"NG 23 7/8" X72"PANEL OR	K 72002314000	2	
	Right Front Gable Panel	*3/8" NG x 27" x 48" RIGHT GABLE PANEL w/ HOLE	K 4800270010V	1	
	Left Front Gable Panel	*3/8" NG x 27" x 48" LEFT GABLE PANEL w/ HOLE	K 4800270020V	1	
	Right Back Gable Panel	3/8" NG 27" X 48" RGT BCK GABLE PANEL	K 48002700100	1	
	Left Back Gable Panel	3/8" NG 27" X 48" LEFT BCK GABLE PANEL	K 48002700200	1	
	Corner Trim	3/8" NG 1 3/4" X 71 1/2"	K 71080112000	8	
19/32 X 3 SMART TRIM	Horizontal Door Rail	19/32 TST 2 1/2" X 22 5/8"	UT22100208000	4	FA
	Over Door Trim	19/32 TST 2 1/2" X 63"	UT63000208000	1	WR
	Eave Trim "A" Eave Trim "B"	19/32 TST 2 1/2" X 93" 19/32 TST 2 1/2" X 28 1/2"	UT93000208000 UT28080208000	2 2	DKB ROR
	Cave IIIII B	19/32 151 2 1/2" X 28 1/2"	0128080208000	2	KOK
	Right Gable Trim	10/22 TCT 2 1/2" V 50 7/2" 27 5* 0/F DICUT CADLE TOIM	LITE0140200427	2	BSR
19/32 X 4 SMART TRIM	Left Gable Trim	19/32 TST 3 1/2" X 58-7/8" 27.5* O/E RIGHT GABLE TRIM 19/32 TST 3 1/2" X 58-7/8" 27.5* O/E LEFT GABLE TRIM	UT58140308127 UT58140308227	2	BSL
	Lot Odbio Hilli	10/02 101 0 1/2 X 00-1/0 21.0 O/E LEFT GABLE TRIM	0130170300227	۷	DOL
	Transom Window	WINDOW 9X25 TRANSOM (SINGLE) 2	15437	2	
PURCHASED COMPONENTS	Black T&D Handle w/ Faux Hinges	HANDLE - T & "D" HANDLES, FAUX	15220	1	
	Threshold	THRESHOLD 7/8" X 1-1/2" X 55-7/8	15419	1	
	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	00
	Arched Gable Vent	VENT 8X10, APL# CV12X18W-PE, A	15021	1	
	Barn Vent	VENT 16" X 8" EXTERIOR (WHITE)	15002	2	
	Hardware Kit	H/K (33037 & 33646) WAVERLEY 8X10 & 8X12 GABLE	15998	1	
	Box Nails	NAIL 6D 2" BOX HDG BOX	15105	5	
	Box Nails	NAIL 10D 3" BOX HDG BOX	15109	3	
		<u> </u>			
	Instructions		16861-F	1	
PACKAGING	Instructions				
PACKAGING	-		7		
PACKAGING	30185-R		1		
PACKAGING	30185-R Door Panel w/ Window	3/8" NG 27-3/8" X 71-1/2" DOOR	K 7108270600W		1
	30185-R Door Panel w/ Window Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT		1
PACKAGING Right Door Assembly	30185-R Door Panel w/ Window Right Hinge Assembly Vertical Door Stiles	HINGE RIGHT (RED) 19/32x3 THIN TRIM 19/32 TST 2 1/2" X 71 5/8"	30121-TT UT71100208000		1 1 GY
	30185-R Door Panel w/ Window Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT		1
	30185-R Door Panel w/ Window Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails	HINGE RIGHT (RED) 19/32x3 THIN TRIM 19/32 TST 2 1/2" X 71 5/8"	30121-TT UT71100208000		1 1 GY
	30185-R Door Panel w/ Window Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails 30185-L	HINGE RIGHT (RED) 19/32x3 THIN TRIN 19/32 TST 2 1/2" X 71 5/8" 19/32 TST 2 1/2" X 22 5/8"	30121-TT UT71100208000 UT22100208000		1 1 GY 2 FA
Right Door Assembly	30185-R Door Panel w/ Window Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails 30185-L Door Panel w/ Window	HINGE RIGHT (RED) 19/32x3 THIN TRIN 19/32 TST 2 1/2" X 71 5/8" 19/32 TST 2 1/2" X 22 5/8" 3/8" NG 27-3/8" X 71-1/2" DOOR	30121-TT UT71100208000 UT22100208000 K 7108270600W		1 1 GY 2 FA
	30185-R Door Panel w/ Window Right Hinge Assembly Vertical Door Stiles Horizontal Door Rails 30185-L	HINGE RIGHT (RED) 19/32x3 THIN TRIN 19/32 TST 2 1/2" X 71 5/8" 19/32 TST 2 1/2" X 22 5/8"	30121-TT UT71100208000 UT22100208000		1 1 GY 2 FA

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

- 1. Every product is warranted from defects in workmanship and manufacturing for 1 year.
- 2. All accessories, hardware and metal components are warranted for 2 years.
- 3. All Oriented Strand Board (OSB) is warranted for 2 years
- 4. Siding and Trim is warranted for 15 years.
- 5. LP Prostruct® Flooring is warranted for 10 years
- 6. Cedar lumber is warranted for 15 years.
- Preserved Pine is warranted for 10 years.
- Redwood is warranted for 10 years.
- 9. Metal Roof is warranted for 25 years.

Backyard Storage Solutions, LLC will repair, replace or pay for the affected part. In no event shall Backyard Storage Solutions, LLC pay the cost of labor or installation or any other costs related thereto. All warranties are from date of purchase. If a cash refund is paid on an affected part, it will be prorated from the date of purchase.

CONDITIONS

The warranty is effective only when:

- The unit has been erected in accordance with the assembly instructions.
- 2. The unit has been properly shingled and painted or stained and reasonably and regularly maintained thereafter.
- 3. The failure occurs when the unit is owned by the original purchaser.
- 4. Backyard Storage Solutions, LLC has received the warranty registration card within thirty (30) days of purchase and notification of the failure in writing within the warranty period specified above.
- 5. Backyard Storage Solutions, LLC has had reasonable opportunity during the sixty (60) days following receipt of notification to inspect and verify the failure prior to commencement of any repair work.

REQUIREMENTS

Storage Buildings

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit; shingle the roof and paint or solid-colored stain the siding using quality, 100% acrylic latex exterior product with a minimum of two (2) coats within thirty (30) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of siding/trim and OSB siding to include all exterior walls and all sides and all edges of doors.

Gazebos & Pergolas

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit. This includes treating all of the exposed cedar and pine surfaces on your gazebo or pergola structure with an exterior grade wood preservative, an exterior oil-based semi-transparent stain, an acrylic latex exterior paint or an acrylic latex solid color exterior stain within 30 days of assembly and as needed thereafter to maintain your warranty.

Keep vegetation trimmed away from building and make sure siding panels and trim do not come in contact with masonry or cement. The minimum ground clearance for siding must be one half inch (½ inch) from concrete slab or two and one half inches (2 ½") from the ground when building is erected or constructed on a treated wood floor kit. Water from sprinklers must be kept off unit. In no event will Backyard Storage Solutions, LLC be responsible for any indirect, incidental, consequential or special damages nor for failure(s) that are caused by events, acts or omissions beyond our control including, but not limited to, misuse or improper assembly, improper maintenance (which eventually leads to rot or decay) and acts of God. Backyard Storage Solutions, LLC will not be held responsible for any labor costs incurred to construct your unit.

This warranty gives you certain specific rights that vary from state to state.

CLAIM PROCEDURE

To make a claim under this warranty, you can either call 1-888-827-9056 or email: customerservice@backyardproducts.com. Please have ready the information below when you call or include the information in your email:

- 1. The model and size of the product.
- A list of the part(s) for which the claim is made.
- 3. Proof of purchase of the Backyard Storage Solutions, LLC item, as shown on the original invoice or receipt.
- 4. Run code: found on exterior product label or assembly instructions enclosed in the product package.

All other inquiries can be mailed to:

Backyard Storage Solutions, LLC Attn: Customer Service 1000 Ternes Monroe, MI 48162