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Gazebo Assembly Instructions
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Tools required;	Screw Gun with #2 square drive and #2 phillips bits 4' level Anchor bolts (8 each) and appropriate wrench 6' step ladder
Parts required;	4 corners (shipped in 2 boxes) 1 roof assembly (shipped in 2 boxes)
Optional parts;	window(s), louver section(s), lower wall panels, bar, bar stools, sliding door

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

These guidelines are provided in good faith to help prevent installation problems caused by common errors. A&B Accessories bears no responsibility for installation actions taken or not taken. There are many nuances of installation that A&B Accessories assumes are general construction knowledge to an experienced installer; such nuances are not included in these instructions. Rather, these installation guidelines are strictly recommendations, not intended to serve as a step-by-step, foolproof installation checklist. Selection of an experienced installer is the sole responsibility of the project owner. If you have any questions about installation techniques for your particular project, please call 479-839-2736.

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1. Prepare area where gazebo will be located. Site should be level, free of debris and away from power lines or overhead obstructions. If a hot tub will be placed inside the gazebo, complete installation of tub prior to assembling gazebo. Determine placement of windows, sliding door or louver panels. Assemble corner & wall sections first, then the roof system.
 2. Assemble all 4 corners. Corners (GCB/G/R) are shipped in 2 panels, one with the 3x3 post attached and one panel without the 3x3. Lay panel with 3x3 attached flat on the ground using cardboard box to protect panel. Install 4 each #8 x 2" screws in predrilled holes. Leave corners on ground until ready to assemble adjacent wall sections.
 3. Stand corners. Ensure corner assembly remains vertical. 10 x 14 & 14 x 14 units only – 14' wall is identical to 10' wall with the exception of the extension panel (GEXTPNB/G/R). Determine placement of window / louver / patio door in wall (left side, center or right side). Attach extension panel using stainless steel screws supplied. Align lower wall panel parallel to corner / extension panel and secure with 3 each, #8 x 1 1/4" screws through pre drilled holes. Place window / louver section on top of lower wall panel. Secure window to corner / extension panel with #10 x 1" bronze screws provided through 4 predrilled holes on nail flange of window.
 4. Attach corner / extension panel to end of lower wall panel / window section with 3 each #8 x 1 1/4" through predrilled holes.
 5. Repeat step 3 until all 4 corners are in place. If gazebo has an "open" side – no sliding door, windows or louvers, install beam support between corners. Use #6 x 1" screws supplied. Beam should be flush to outside of corner or extension panel.

6. Locate and unpack roof parts, sill plate and roof rafters, hardware. Sill plate is comprised of 4 short 2x4 corner braces (PN# AA), 4 long 2x4 corner braces (PN# AB), and 8 pieces, 2x3x5' (for 10x10 unit) PN# A or 2x3x7' (for 10x14 / 14x14 unit) which make up the sill plate. Each side of the sill plate has a half lap joint so that when assembled, the sill plate is 108" / 156" long and pointed at each end. Assemble the sill plate with the 4 each 2" screws provided. Place all 4 lengths of the sill assembly on flat surface and install short corner brace in each corner. The mitered ends of the sill plate should be touching and form a 90 degree angle. Install long corner braces ensuring there are no gaps between sill plate and corner brace. Measure diagonally to ensure sill plate is square.
7. Place assembled sill plate on top of wall sections. Use sill plate assembly to square wall sections. Once walls are square to sill plate, install #8 x 2" screws through the underside of the corner panel / extension panels into the sill plate. Ensure walls are plumb and level – shim as necessary.
8. Locate skylight frame and place upside down on flat clean surface. Install a roof rafter (PN# C) in each corner of the skylight frame - secure with #8 x 3" screws provided. Place "Y" bracket on rafter and frame of skylight – secure with 17 each #8 x 1 1/2" screws. Locate bracket "A" bracket and secure to opposite end of roof rafter with 5 each #8 x 1 1/2" screws. Flat end of A brace should be flush to rear on notch in rafter. Repeat for each corner.
9. **Important!** Carefully flip combined skylight frame and rafter assembly over and lift on to sill plate. Position skylight and rafter assembly so that "A" bracket aligns with each corner of sill plate with equal gap on each side of sill plate corner. Measure distance between rafters – it should be equal on all sides. It may be necessary to lift skylight frame to ensure notch in rafter is flush to end on sill plate corner. Install center rafter (PN# D) to skylight frame and attached with #8 x 3" screws. Install 8 each, #8 x 1/2" screws in each corner of "A" bracket – ensure bracket aligns with sill plate.
10. Install 8 each lower horizontal members (PN#F) sloped to match roof line with 3" screws supplied. If there a gap between rafter and/or horizontal member is too tight, skylight / rafter assembly is not square – repeat step 9. Place part E in center rafter and secure with #8 x 2" screw. Align mitered end of part "E" with corner rafter and secure with #8 x 2" screw.
11. Place metal roof panel part "A-1" on corner of 10' roof assembly and align with roof rafter – secure with one roof screw. Overlap panel "A-2" to panel "A-1" – secure with 1 screw. Add "A-3" panel and panel "A-4" with 1 screw. For 10x10 units locate "B" series of panels and repeat sequence. 10x14 units – 14" / long side roof panels are numbered C-1 - C-4, / D-1 – D-4. Roof panels should align with roof rafters on both sides. If they do not, roof assembly / wall assembly is out of square – correct before proceeding. Install remaining roof screws.
12. Install skylight flashing – flush to top of skylight frame. Drill 1/8" hole using prepunched holes in skylight as guide. Install flashing with 1 1/2" screws provided.
13. With all roofing panels in place & skylight flashing attached, install ridge cap. Place polycarbonate skylight on skylight frame and secure with 8 each #8 x 1 1/2" screws supplied.
14. Locate and secure metal T brace to join roof rafter to sill plate at midway point of roof system on inside of gazebo using #8 x 1 1/2" screws provided.
15. Install window(s) if purchased by tipping top of window under rafter first. Ensure flange fits in gap between roof rafter and sill plate. Secure with 1" stainless screws supplied through pre drilled holes in nailing flange.

16. Install louver sections if purchased. Flush frame with outside of corner / extension panels. Secure with 1 ¼" stainless steel screws supplied.
17. Sliding glass door (if purchased) – see instructions supplied with unit. Install patio door trim strip with 1 ¼" screws supplied.
18. Install 2 each, anchor brackets in each corner of gazebo. Secure with lead sinker, ramset or similar device. Failure to install anchors may cause unit to fail in high winds / heavy snow loads and will void warranty.
19. Remove all stickers, protective film on windows and packaging materials. Ensure all windows and sliding glass door operate smoothly and lock securely.

Hardware schedule

Item	Number	Where used
"Y" Bracket	4	Joins skylight frame to corner rafter
"T" Bracket	4 / 6	Joins sill plate to intermediate rafter 6 used on 10x14
"A" Bracket	4	Joins rafter to sill plate
#8 x 1 ¼" stainless screw		Secures windows, patio door, lower wall panels, extension panels
#8 x 1 ½" screw	164	Secures brackets to skylight, rafters, sill plate, skylite
#8 x 2" screw	54 64 84	Secures sill plate to top of wall panels / corners and horizontal framing members. 54 for 10 x 10, 64 for 10 x 14, 84 for 14 x 14
#8 x 3" screw	42 64 86	Secures rafters to skylight frame and lower horizontal member to sill plate. 41 for 10 x 10, 63 for 10 x 14, 86 for 14 x 14
#10 x 4" screw	8	Secure upper roof frame to lower roof frame 14 x 14
#14 x 7/8" Ridge Cap Screw	24 / 48	Secures ridge cap to roof panels for both 10 x 10 & 10 x 14 units, 48 for 14 x 14
#10 x 7/8" Metal to Wood Screw	160 184 210	Secures roof panels to wood framing - 160 for 10 x10 184 for 10 x 14, 210 for 14 x 14

Wood Roof Part Breakdown

Part #	# Used	Where Used	Notes
A	4	Corner Rafter	
B	6	Intimidate rafter	
C	4	Sill Plate	
C1	4	Sill Plate	
C2	4	Sill Plate	
D	4	Corner Brace gusset for sill plate	
D1	4	Corner Brace gusset for Sill Plate	
E	6	Middle Roof Support	
F	4	Middle Roof Support	
I	4	Lower Roof Support	
J	4	Lower Roof Support	