



NDH Manufacturing, LLC

— SerenityEnclosures —

Installation Manual

For

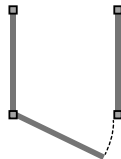
SerenityEnclosures

Contact us at 888-392-9625 or email us at sales@serenityenclosures.com with any questions during the installation process. Our service team is available 24/7.

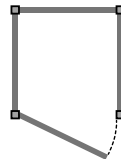
Floor Model Options

Single Models Size: 46" d x 46" w x 88" h, 36" d x 36" w x 88" h - 89 1/2" h with roof

Model SSE-1

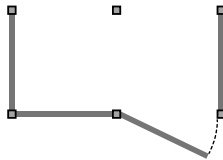


Model SSE-2

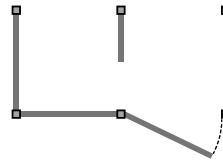


Double Models Size: 46" d x 88" w x 88" h, 36" d x 68" w x 88" h - 89 1/2" h with roof

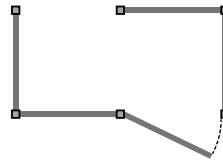
Model DSE-1



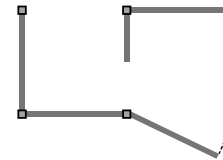
Model DSE-2



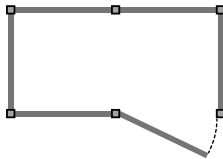
Model DSE-3



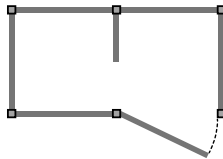
Model DSE-4



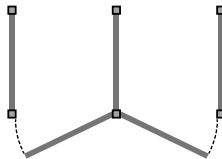
Model DSE-5



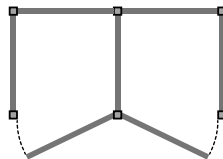
Model DSE-6



Model DSE-7



Model DSE-8



Tools Required:

Tape Measure, Screw Gun, Level, Pencil, 1/2" Socket Wrench and Silicone.

All hardware for shower parts are included in each part box. #2 Square tip bit is included in door hardware box.

You will need to purchase the necessary screws/bolts to mount unit to the ground. If placing shower on pavers, cement or blacktop; you will need 2" X 1/4" Simpson Strong Tie "Titan" (Approved for 115 MPH Wind zones) or equivalent masonry anchor, washers and a 1/4" masonry drill bit (4 screws for a double unit and 4 screws for a single unit).

If placing your shower on gravel, grass or dirt, we recommend that you use a 6 x 6 pressure treated wooden base or stack (3) 2 x 6 pressure treated boards.

***Set chuck on drill to #7 when installing screws. Higher speeds will break screw.**

6 X 6 Base

****6 x 6 frames should be 1" smaller on all 4 sides of unit****

Double Unit 6x6 Base: (There will be approximately a 1" overhang of shower on 6x6 Base)

10 qty. - 5" x 3/8" Galvanized lag bolts

2 qty. - 34" or 44" Pressure Treated Wood (Depending on size of unit)

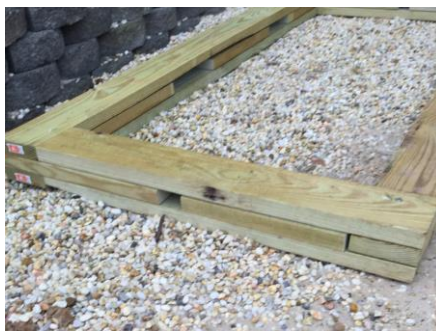
2 qty. - 66" or 86" Pressure Treated Wood (Depending on size of unit)

Single Unit 6x6 Base: (There will be approximately 1" overhang of shower on 6x6 Base)

8 qty. - 5" x 3/8" Galvanized lag bolts

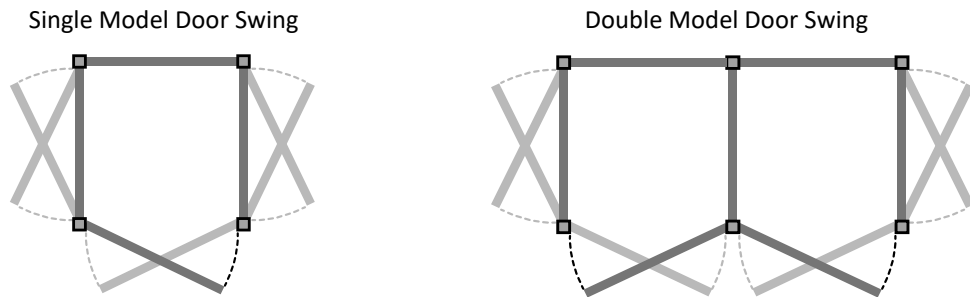
4 qty. - 34" or 44" Pressure Treated Wood (Depending on size of unit)

1. Create a lap joint at 5 ½" in length and 2 ¾" in depth on both ends of each piece of wood.
2. Overlap each cut out connection and fasten with lag bolts, LedgerLOK or deck screw.
3. Flip the frame over to ensure a smooth surface for the aluminum frame installation.
4. Dig the wood sub-frame into the ground and make sure it is level and stable around the perimeter. Fill the interior with 3/8" stone for a French drain. * 6x6 base should be **FLUSH/LEVEL** to pavers or grade.
5. **PLEASE NOTE*** - Unit will overhang 1" on all four sides when installing it to the wood for future pavers or tuck stone or dirt.

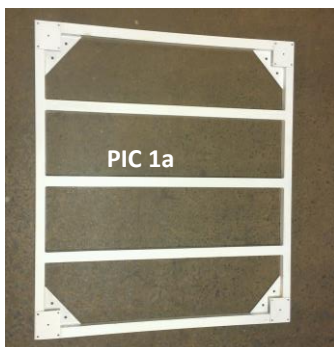


1) Setting Frame and Posts:

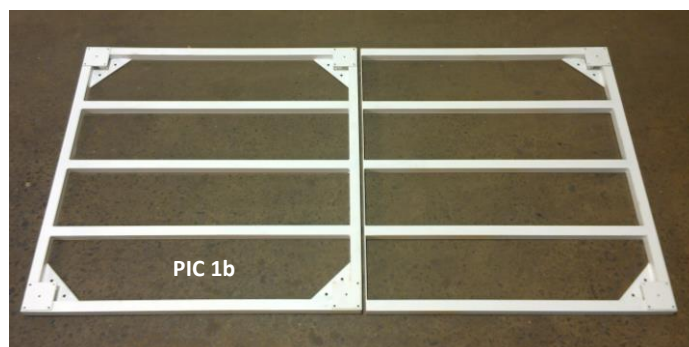
- a. Remove the base frame from the box and lay on a flat surface where the shower unit will be installed. (See PIC 1a) * **For double units make sure the center supports of both frames are in line with each other** and fasten using $\frac{3}{4}$ " self-tapping screws. (See PIC 1b) **It is important to determine your door location, door swing, and all wall locations before unit installation begins.** * See Floor Plan provided with installation manual.



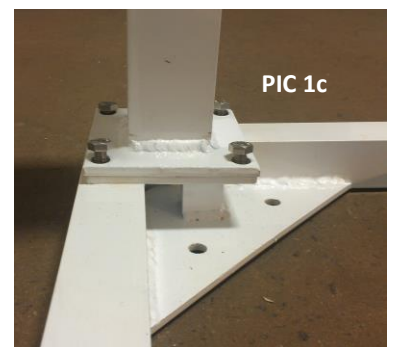
- b. Remove one set of posts from the post box and place on the frame. * **The elongated holes at the base of the post must be parallel with the shower door opening.** All posts on shower door side of unit must be installed parallel to the door opening. The post flange will already be attached to the post. Lift flange to access where post bolts secure to base frame **WITHOUT** removing flange from post.
- c. Using $\frac{5}{16}$ " x $\frac{3}{4}$ " stainless steel bolts (4 per post) secure post to frame by screwing in bolts halfway. ***Do NOT over tighten!** Allow room to move the post slightly this is important to be able to set the wall panels. (See PIC 1c)
- d. see PIC 9a for finished product.



SINGLE UNIT BASE



DOUBLE UNIT BASE WITH EXPANDER FLOOR

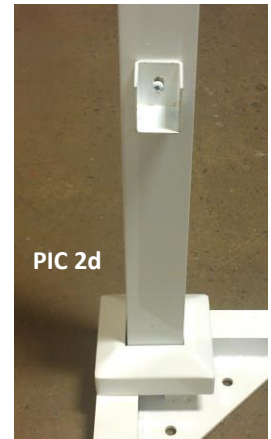


Follow same process for cabana unit installation

2) Installing Wall Panels and Post Bracket: (Make sure speed on drill is adjusted to #7)

If you purchased Shower Valve Trim Set with removable wall panel, See 2 j for instructions to install the removable panel.

- a. On the face of the post where the wall/header will sit, place the post bracket jig on top of post. (See PIC 2a) ***Important: This will keep header and top of the wall panel aligned.***
- b. Place bracket inside jig. Attach the bracket using the self-tapping $\frac{3}{4}$ " stainless steel screw (provided in wall panel box). (See PIC 2b)
- c. **Measure down from the TOP of the post bracket 72 1/2"** and make a mark. Above that line measure in 1" from the side of the post and make another mark forming an upside down "T". (See PIC 2c)
- d. Align the bottom of the post bracket with the bottom line of the upside down "T" and center the post bracket screw hole with the center of the upside down "T". Attach the bracket using the self-tapping $\frac{3}{4}$ " stainless steel screw (provided in wall panel box). (See PIC 2d)
- e. Repeat steps 2a thru 2d on adjacent post where wall panel will be installed.



- f. Set the wall panel into the bottom brackets first, and then pull the posts away at the top. The top of the wall panel should clear the top wall bracket and fit snug. If the wall panel does not clear the top panel bracket and fit snug loosen the post bolts. (See PIC 2f)
- g. Fasten the wall panel to the brackets using the self-tapping $\frac{3}{4}$ " stainless steel screws on all four corners of the wall panel. ***All screws must be facing the interior of the shower & centered on bracket.** (See PIC 2g)
- h. Continue this process until all wall panels are installed. If there is any part of the shower facing an existing structure, and a wall panel is not being installed, a header will be provided in order for you to secure the two posts. This header will also need to be installed on the top of the door. Follow steps 2a and 2b to attach the brackets, and then attach the header (**OPEN SIDE UP**) to the brackets using self-tapping $\frac{3}{4}$ " stainless steel screws. (See PIC 2h)
- i. Tighten the bottom bolts of each post to secure the unit. The post must be tightened evenly to ensure unit will be level.



j. Removable panel installation

- a. Install a header on post to post where the removable will go. Install post bracket under header post bracket. (See PIC 2 j-a) Repeat step on adjacent post.
- b. Measure 72 1/2" from the top header bracket and install special cut post bracket included in box with panel. (See PIC 2 j-b) Repeat on adjacent post.
- c. Install removable panel. Place top in first and set bottom on special post brackets. (See PIC 2 j-c)
- d. Drill 1/4" hole on bottom of the panel and through post bracket and install clevis pins. Repeat for adjacent side. (See PIC 2 j-d)



3) Installing Half Wall Panel (Double Units):

- a. Only 3 post brackets are required for the half wall, 2 for the half wall header and 1 for the bottom of the half wall. Refer to steps 2a thru 2d for post bracket installation.
- b. Install the half wall panel into the header so that the end of the header is flush with the end of half wall so that the tab is facing toward the center of the header.
- c. Fasten a self-tapping screw through the top of the header into the tab of the half wall to secure the frame to the header. The screw should go 14 1/2" in from the end of the header that's flush with end of the half wall. Then install the half wall and header into the wall brackets using the self-tapping screws. (See PIC 3c)



4) Secure Shower Unit to Surface

- a. If you are placing your shower on pavers, cement or blacktop; attach the frame to a level surface using 2" x 1/4" Simpson Strong Tie "Titan" (Approved for 115 MPH wind zones). You will need 4 screws for a double unit and 4 screws for a single unit. Plastic shims are recommended to avoid contact.
- b. Before screwing down the frame, use plastic washers or P.V.C shims to level frame. ***The frame must be level prior to fastening*.**

If placing your shower on a wooden surface; attach the frame using 4" x 3/8" lag bolts. You will need 4 qty. for a double unit and 4 qty. for a single unit. ***The frame must be level prior to fastening*.**

5) Installing Shower Door:

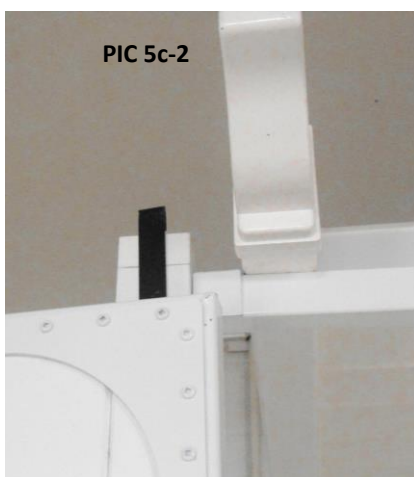
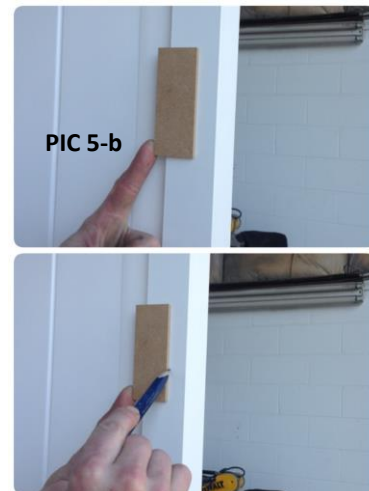
***Note: For DSE-7, 8 and CSE 9 & 10 Models – Door swing must be in the same direction for Handle to Align Properly. Make sure the unit is secured to the surface and level so the door sits plumb.** Determine your door swing prior to moving on. All screws for the door are included in the door hardware box.

- a. Follow steps from 2a & 2b to ensure the header bracket is installed **PRIOR** to door installation.
- b. Using provided jig, set on inside of post and draw three separate marks going down the side of the post where the door hinge will sit. Hinge pin must be on outside of post when door is closed. (See PIC 5b)

Important: This will ensure the hinge is secured straight on the post.

- c. Install the door hanger on the top corner (hinge side) of the front of the door.(See PIC 5c-1) Hang the door so that the door hanger is on the top of post that the hinge will be on so that the door will be in the fully open position. (See PIC 5c-2) Door should align with the lines that were drawn in step 5b. Using the self-tapping stainless steel screws, attach the hinge to the post (inside) into the pre-drilled holes. (See PIC 5c-3) *** Must start with the bottom screw and work your way up to the top screw.***

***The bottom of the door must align with the bottom of adjacent wall panels.**



6) Installing the Lock:

- a. Remove the lock from the door hardware box and ensure deadbolt is in the closed position. ***Important***
- b. Separate the door lock and place spacer over door lock so that the flat side of the spacer is against rubber seal while positioning the notched end of the spacer toward the deadbolt. (See PIC 6b) **Do not remove spacer.**
- c. Insert spacer on the inside of the door (See PIC 6c-1). Attach the other half by matching the notched pin into the opening of the red leaver. Secure to the door by using the four $\frac{3}{4}$ " stainless steel screws provided. (See PIC 6c-2) Use the two $\frac{1}{4}$ " stainless steel screws provided to secure the lock to the side of the door. (See PIC 6c-3)



***TIP-Install the (2) Flat Head Screws in the strike side as per PIC 6c-3. Start the screws as seen in PIC. 6c-2 in a diagonal pattern $\frac{1}{4}$ turn only and repeat in all four corners. Then start again & tighten.**

- d. Hold the door in the closed position and mark the proper location to attach the strike plate. (See PIC 6d)
- e. Attach the strike plate using the self-tapping $\frac{3}{4}$ " stainless steel screws. Make sure edge is flush with front edge of post and the beveled edge is on the outside so the door closes properly. (See PIC 7e)
- f. Attach the door stop to the post behind the strike plate. It is important to have the **center hole of door stop align with the middle of the strike plate.** (See PIC 7f)



***IMPORTANT: YOU ARE READY TO ADJUST POSTS FOR EQUAL REVEAL AND TIGHTEN THE POST BOLTS TO THE FRAME**

7) Installing the Roof:

2 people are recommended for this step. If unit is being installed against a structure, install post caps prior to installing roof. See Step 10.

a. Assemble the roof on the ground by sliding the louvers (See PIC 7a.) For privacy purposes determine the direction you would like the louvers to go prior to sliding them on.



b. If you are using the pergola end caps it is important to use silicone to secure them to the cross beams in the front of the shower (door side). (See PIC 7b-1) Secure the end caps (flat) with silicone to the back side of the cross beams. (See PIC 7b-2)



c. Space cross beams using roof jig (provided with kit): With one person standing inside the shower to guide and support the roof, lift the roof and slide it into place. Make sure the back of the cross beams are flush with the base frame (PIC 1a) before proceeding.

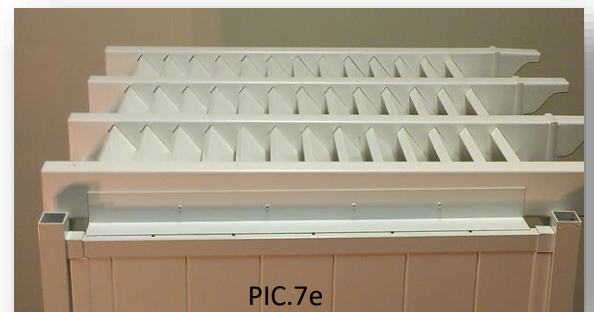


The end cross beams should sit just inside your top wall brackets. (See PIC 7c). Space cross beams with roof jig (provided with installation kit). (See PIC 7d)

d. Use the L brackets and self-tapping $\frac{3}{4}$ " stainless steel screws to attach each cross beam to the inside of a wall panel or header on both the front and rear of the shower. (See PIC 7d)



e. It is time to secure the peek a boo bracket on either side of the roof. Place the drilled holes against cross beams. Center it to where it should be (approximately 5" on either side). Use self-tapping $\frac{3}{4}$ " stainless steel screws in the pre-drilled holes to secure the peek a boo bracket to the louvered roof. (See PIC 7e)



8) Installing the Towel Bar/Hook Bar:

- a. Towel Bar: Measure 54" off finished floor and mark 2 adjacent posts (the desired Posts on the side where the towel bar will be placed.) Use stainless steel screws provided. (See PIC 8a.)
- b. Hook bar should be installed at the same height as The top of door hinge. (See PIC 8b)



PIC 8b

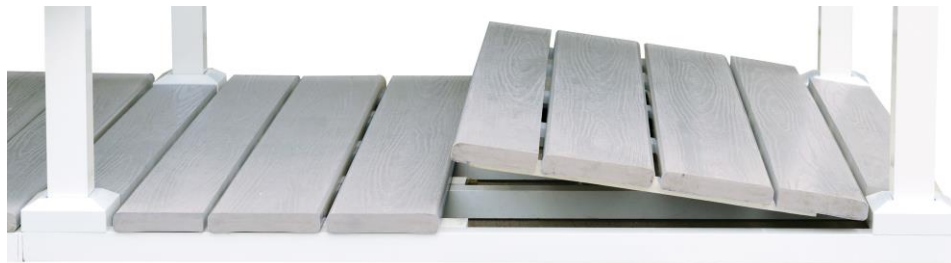
Need hook bar pic



9) Installing the Floor:

- a. For a single base frame start at either edge of the frame, lay one of the pre-assembled floor panels in place; followed by the matching interlocking panel. Note the floor planks should run perpendicular to the frame joists. (See PIC 9a)
- b. For the expander frame the floor panel with the smaller plank is to go on the side away from the single base floor with the floor planks perpendicular to the frame joists. Install the remaining floor panel in the open space next to the single base floor frame.

PIC 9a



10) Install the Post Caps:

- a. Use silicone to secure post cap to the top of each post. (See Pic 10a)



Cleaning/Maintenance:

1. It is recommended to use any multi-purpose cleaner with a soft rag and/or soft brush when cleaning the unit walls, base frame and posts. This should be done at least three times a year.
2. Use a brush with mild cleaner to clean soap scum/mold from floor decking. If that does not work use a power washer with a fan tip approximately 10" away from surface.