

LIQUID SUNSHINE OUTDOOR SHOWER ENCLOSURES

INSTALLATION OVERVIEW

<u>Materials Included:</u>			<u>Tools Needed (not included):</u>
ITEM #	DESCRIPTION	QUANTITY	
1)	4" x 4" x 108" white vinyl posts	4 or 5	• Post hole digger (clam shell or auger)
2)	1-3/4" x 5-1/2" white deco rail	4	• Tape measure
3)	7/8" x 6" x 64" white T&G board	14-20	• Cordless drill with #2 Philips head bit
4)	1" x 1" x 61" U- Channel	4	• 4' level
5)	4" flat post cap	4	• 12" torpedo level
6)	6' high pre- assembled door*	1	• Line level and string (for models over 4'
7)	Black self close hinges	1 set	long)
8)	Black paddle latch	1	• Tamping bar
9)	Black 6" gate handle	2	• Hammer
10)	7/8" x 1-1/2" x 84" Hiney Hider	2	• Step ladder
11)	7/8" x 1-1/2" end cap	6	• Chop saw with 10" fine tooth blade-
12)	2" x 3-1/2" x 72" door transom brace	1	metals/ plastics blade
13)	2" x 3-1/2" rail mount	2	• 3/4" Open ended wrench
14)	1" hole plug	4	
15)	1-1/4" screw	30	
16)	2-1/4" screw	10	Concrete is not included. One 80lb bag per post hole is needed
17)	1.5 oz. tube vinyl adhesive	1	

Notes:

-We recommend you check with your local code officials before beginning work.

-It is required by law that you call the one call system prior to digging: 1-800-272-1000 is the New Jersey hotline number.

-In some cases, the drainage beneath the shower enclosure must be addressed before a shower is to be installed.

*****INSTALLATION SUPPORT HOTLINE: 1-800-499-3362*****

INSTALLATION INSTRUCTIONS:

Read all installation instructions and notes carefully prior to commencing work.

1) Lay out the locations of the post holes according to the model of shower enclosure you chose. The post spacing schematics can be seen in our Liquid Sunshine Outdoor Showers Brochure.

2) Mark all post locations and dig out 10" wide x 30" deep holes for each post.

NOTE- The footings on some houses bulge out underground. If you are digging next to an exterior wall and hit concrete for the foundation, do not break the concrete. Determine what the overall height the post should be, cut off the excess post material from the BOTTOM of the post. Set the bottom of the post in concrete and screw the post into the exterior wall. End posts should be screwed through the back wall of the post in the locations of the top and bottom routed holes. For a blank post- use a 1" paddle bit to bore two holes; one towards the top of the post and one about 1' up from the bottom. Use the provided 1" hole plugs to fill the holes.

3) Set the 4" x 4" x 108" (material item #1) posts in the holes in the ground. Be sure to place the end (E), corner (C) and blank (B) posts in the proper locations as determined by the layout schematic in the brochure for your model of enclosure. End posts have holes routed on one side, corner posts have holes routed on two sides at 90 degrees, blank posts have no holes routed. Corner and blank posts are not included with all kit models. All posts have small rectangular cutouts at the bottoms of the post for concrete. The end of the post with these cutouts is to be installed in the ground.

4) Position posts as per the post spacing provided in your brochure for the specific model being installed. While keeping downward pressure on the post, pour dry concrete mix into the hole leaving approximately 2" to the finished grade. Fill remaining 2" with soil. A maintained level line must be established across the tops of all posts while keeping an overall height of 82" to 86" above grade (leaving bottom rail 8" to 12" above grade, respectively.) Once this is determined, you can begin to tamp the soil and concrete around all posts while making certain that the posts are plumb.

5) You can now begin to install the shower walls. Start by installing the bottom 1-3/4" x 5-1/2" deco rail (material item #2). Slide the bottom rail into the routed holes. While working the rail left to right, the finished excess of the rail into the post will protrude 1-1/2" inside the post on both sides.

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6) Take the 7/8" x 6" x 64" tongue and groove boards (material item #3) and begin installing them left to right. Begin with the GROOVE end of the starting board against the post with 1" x 1" x 61" U-Channel (material item # 4) centered vertically to cover the grooved end of that board. Slide the rest of the boards into the pocket of the rail inserting the boards groove to tongue. The last board to be installed will need a piece of U-Channel centered vertically on the board to hide the tongue. You may need to install the last board by sliding it from the top down. This is where the step ladder will come in handy.

7) Slide the 1-3/4" x 5-1/2" (material item #2) top rail onto the tops of the boards and set the rail into the top holes routed into the posts. While working the rail left to right, the finished excess of the rail into the post will protrude 1-1/2" inside the post.

8) Standing on the ladder, looking down on the posts, you will see the 1-1/2" overhang of the rail stated above. Set a 1-1/4" (material item #15) screw into the top of each end of each top rail located directly to the interior of the post wall. Set a 2-1/4" (material item #16) screw through the outside of the post in-line with the overhang of the bottom rail. One screw should be used at each end of each rail. This will prevent the rails from slipping out of the posts with routed holes.

9) Repeat steps 5 through 8 for each shower wall.

10) For shower kits with pre-built doors (material item #6):

If the posts were laid out according to the schematic, the opening for the door should be 1-1/2" wider than the door itself. Cut the 2" x 3-1/2" door transom brace (material item #12) to fit this opening. Using the 1-1/4" screws, install the 2" x 3-1/2" rail mounts (material item #13) OPEN SIDE UP, favored towards the SHOWER SIDE DOOR JAMB of the door posts. The transom brace should be mounted so that it is level with the tops of the adjacent top rails. Insert the transom rail into the brackets by sliding it from the top down and install one 1-1/4" screw into each end.

NOTE- If you are using a knockdown door kit, you will have to determine the exact size of your door. The door should be built so that the finished width is 1-1/2" less than the rough opening or inside to inside spacing between door posts.

11) Install the hinges (material item #7) on the door upright even with the top and bottom rails. The hinges should be installed so that the diagonal gate brace faces INSIDE the shower with the LOW side of the brace on the hinge side. Install the gate as per the diagram specifications in the brochure.

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12) Set the door in place so that the top rail of the door is even with the top rails of the adjacent shower walls. Screw the hinges into the gate hinge post. The hinges can be adjusted by moving the bolts in and out using your 3/4" wrench. Adjust the gate until you get a level reading on the top rail with even gaps between the door and the posts. The hinges provided are spring loaded and can be set up to be self closing if preferred. You can adjust the tension on the hinge springs using the metal rod that came with the hinges to set the tensioning pins.

13) Determine the height you would like your door latch (material item #8). Once you get your preferred height, screw the main body of the latch onto the latch post. Close the door and hold the striker to the latch body so that the bar will line up when closed and so that there will be no interference. Screw the latch striker to the gate upright in the correct position. Attach handles accordingly

14) Using the 2-1/4" screws, install the 7/8" x 1-1/2" Hiney Hiders (material item #10) on the gate posts, just behind the gate's closed position. Hiney Hiders act as a door stop and privacy strip. The strip on the latch side will have to be cut so that it can bypass the latch mechanism. 7/8" x 1-1/2" caps should be installed on both ends of all strips prior to installation of the Hiney Hiders.

15) Using the provided vinyl adhesive, install the caps on the tops of the posts and gate uprights. The adhesive should be applied around the interior face of the cap.

16) Using a hose and a rag, clean off any dirt that may have gotten on the vinyl shower. Soak down the post bases to moisten the dry concrete mix to help it set up.

17) Install the warranty sticker on the outside bottom right corner of the door. Lack of a sticker will void the warranty.

18) Stand back, admire, and take a shower.

GENERAL NOTE-

- A. All shower enclosures are made up of 6' high vinyl tongue and groove privacy materials.
- B. The showers typically are installed with the bottom of the bottom rails about 8" to 12" off the ground making the overall height 80" to 84" high. Make sure you have enough clearance of windows, lines, branches, or any other overhead obstacles to allow for this height before you start working.
- C. The vinyl should be cleaned with non-abrasive cleansers only.
- D. Masonry/Decking application— Use one bolt down structural post per vinyl sleeve. Excess material on the vinyl sleeve must be cut from the BOTTOM of the sleeve.

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