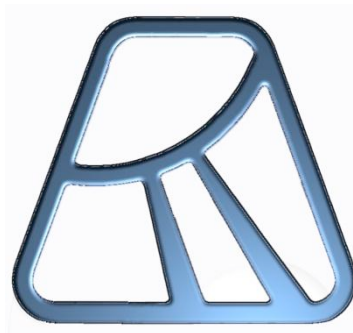


Installing your bathtub shower screen: – Semi-frameless models

Ark Showers



Congratulations on the purchase of your bathtub shower screen and thanks for choosing Ark Showers! This product is designed to enhance the appearance of your bathtub shower and provide a satisfying, leak free showering experience.

The following description and photos explain how to install the bathtub shower screen. A two part video showing the installation can be found on our website at:

<http://arkshowers.com/Install.html>

Disclaimer

Ark Showers recommends that only trained professionals install our shower doors. Ark Showers warns its customers that the installation of shower doors performed by those who are not professionally qualified or trained to do so could result in serious bodily injury or property damage. Ark Showers accepts no responsibility for such damage or injury resulting from the improper or unauthorized installation of shower doors, or for installation performed by those not employed by Ark Showers.

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Plan ahead!

It is important to take the following into consideration while you are planning your bathroom renovation and before making a purchase:

- Our shower screens weigh between 56 and 72lbs, depending on the model you choose. Consequently they need to be securely fixed to the wall and the wall itself needs to be sound
- The weight of the semi-frameless model is taken partly by the tub (because the bottom of the continuous hinge rests on the tub ledge) and partly by the screws fixing the mounting bracket to the wall. (The weight of the frameless model is taken completely by the screws fixing the two discrete hinges to the wall)

It is recommended to find a good contractor who can assess your particular situation and make any necessary wall preparations prior to the installation.

Please contact us if you have any questions about your particular requirements and we'll do our best to advise.

Check the delivery contents

Inspect the shower screen box for any signs of damage. This should be done as soon after delivery as conveniently possible. Please notify us of any damage and if possible take a photograph – this helps us to make a claim in the event of shipping damages which enables us to keep the selling price down; your cooperation in this is much appreciated.

What's in the box?

You will find the following inside the cardboard box your shower screen was shipped in:

1. Glass shower screen attached to hinge
2. Mounting bracket. This comes slotted onto the shower screen
3. Packet of mounting fittings comprising:
 - long stainless steel screws x3
 - short self tapping screws x3
 - white plastic anchors x3
 - screw cups x3
 - screw caps x3
 - small drill bit
 - white plastic sweep ends x2
4. Sweep for bottom of glass

Please contact us (1-312-239-8937) if you are missing anything and we will rectify the situation ASAP

Main parts of shower screen

The shower screen has two main parts:

1. A U-shaped mounting bracket
2. The glass shower screen/hinge

Summary of Installation Procedure

The shower screen is installed in five main steps:

1. Fix the long mounting bracket to the wall
2. Insert the hinge (attached to the shower screen glass) into the mounting bracket
3. Fix the hinge to the mounting bracket
4. Attach the plastic sweep to the bottom of the screen
5. Caulk the joint between shower screen and the wall/tub ledge

SAFETY WARNING

- The shower screen is both bulky and heavy (approximately 75lbs in the packaging). It is recommended to use two able bodied people to move it. Failure to do this could lead to injury or damage to the screen.

Tools required

1. Electric drill – we recommended a mains powered version; most of the battery powered drills don't have enough power to get through tile
2. Drill bits*
3. Safety goggles – for while you are drilling
4. Measuring tape
5. Marker pen - to mark the holes
6. Spirit level (ideally long) for checking the walls, tub and shower screen are plumb/level
7. Philips screw driver, #2 - to screw the wall mounting bracket to the wall and to the pivot
8. Mallet - to tap the anchors into the holes (or a hammer and protective material e.g. a shim)
9. Shims – to raise the glass above the tub ledge. We recommend wooden shims; the plastic shims are too slippery
10. 100% silicone caulk and caulk gun

*The type of drill bits required depend on the material you are drilling into. Carbide tipped drill bits are recommended for drilling into stone and ceramic tile. Also, it is recommended to start with smaller pilot holes before drilling the full sized holes.

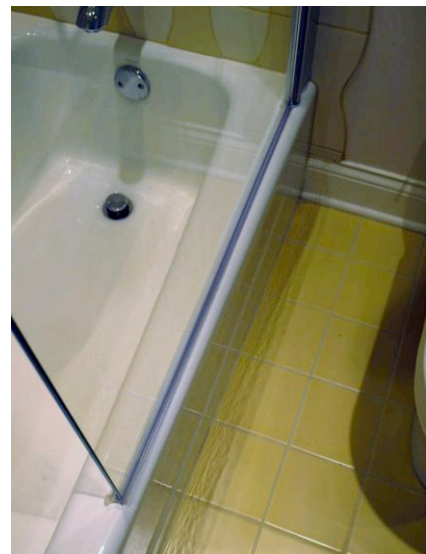
Beginning the installation

1. Find a place in or near to the bathroom to lay the shower screen box flat. Open the box and remove the lid.
2. Carefully remove the Styrofoam packaging from around the shower screen and dispose of it.
3. Turn the hinge and mounting bracket upwards so that they point upwards enough to grab one end of the mounting bracket. Starting at one end of the mounting bracket, ease the bracket away from the hinge.
4. Move along the mounting bracket, pulling it away from the hinge (as shown opposite), until the mounting bracket is separate from the hinge.
5. Remove the plastic wrapping around the mounting bracket and carefully inspect it for damage. Check the mounting bracket for damage and notify us if any is found so we can rectify the situation ASAP.



Mark the holes for the mounting bracket

6. The shower screen should be positioned so that water runs from the bottom of it back into the tub. For 'standard' rectangular US tubs (rectangular outside shape) it is recommended that the shower screen is mounted parallel to the outside edge of the tub and above the tub ledge (i.e. not over the bathing area). See photo opposite.



7. To achieve this, the following method is suggested:
 - a. Measure the distance from the long wall to the widest part of the inside of the tub. In the installation shown opposite (using a Kohler Villager tub), this was nearly 26".
 - b. Add an inch or so to this (we called it 27" for our tub) and mark this distance from the wall to where the inside edge of the mounting bracket will be with a pencil.



- c. Rest the mounting bracket on the tub so that the inside (straight) face of the bracket lines up with the pencil line. (The curved face of the mounting bracket will therefore face out to the bathroom).
- d. Hold a spirit level vertically against the straight edge of the mounting bracket. Keeping the bottom of the mounting bracket in place, adjust the bracket until it is perfectly vertical.

- e. With the mounting bracket resting on the tub in the right position and vertical, mark the positions of the three fixing holes by tracing the three holes through the back of the mounting bracket onto the wall.

With the positions of the three holes marked we are now ready to drill the holes.



Drill the holes for fixing the mounting bracket to the wall

8. This is probably the trickiest part of the installation especially when drilling into tiles, so care is recommended. (It is no more difficult than drilling holes for sliding tub doors however). Carbide tipped drill bits are normally recommended when drilling through tile. 5/16" (8mm) holes are required for the fixings supplied and it is recommended to build up to this size with one or two smaller holes first. A hammer drill is not recommended as this is more likely to cause the tile to crack.

SAFETY CONSIDERATIONS!

- Use eye protection when drilling
- Ensure that there are no electrical or water supplies behind the wall where the holes will be drilled

DRILLING TIPS

Start each hole slowly building up the speed when the drill bit begins to run smoothly and in the right line.

Don't allow the drill bit to overheat; take frequent breaks to allow the drill bit to cool off, use a water spray (like those used at the hairdresser) to assist with cooling.

Fix a plastic bag under each hole before it is drilled to collect the debris. This works really well.



It will take some time to drill the holes so be patient, don't push too hard on the drill

9. With the three holes drilled, press the white plastic anchors fully into the holes



10. Apply a line of 100% silicone to the back of the mounting bracket. This helps to fix the bracket to the wall and prevent water leakage



11. Carefully reposition the bottom of the mounting bracket and slowly press it back to the wall so that the holes drilled line up with the holes in the back of the bracket.

12. Recheck that the mounting bracket is vertical using the spirit level before screwing the screws fully home.



Attach the shower screen to the mounting bracket

NOTE: This requires two able bodied people!

13. Carefully lift the shower screen into position, offer it up to the mounting bracket and insert it into the bracket.
14. Raise the vertical edge of the glass up to create a parallel gap between the glass and the tub ledge. Insert shims between the glass and the tub to support the glass. Check that the vertical edge of the shower screen is vertical using a spirit level. Adjust if necessary using the shims to create the correct gap.



15. With the shower screen inserted into the mounting bracket and supported such that the edge of the glass is vertical, drill through each of the three holes on the inside face of the mounting bracket into the hinge of the shower screen. A drill bit for these holes is provided in the bag of fixings.

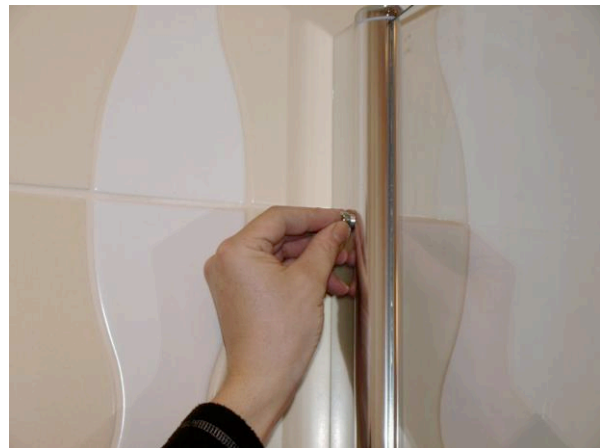
16. Place a self tapping screw into a screw cup





17. Screw the screw/screw cup into the shower screen hinge. Repeat for the other two screws.

18. Place the caps on each of the screw cups.

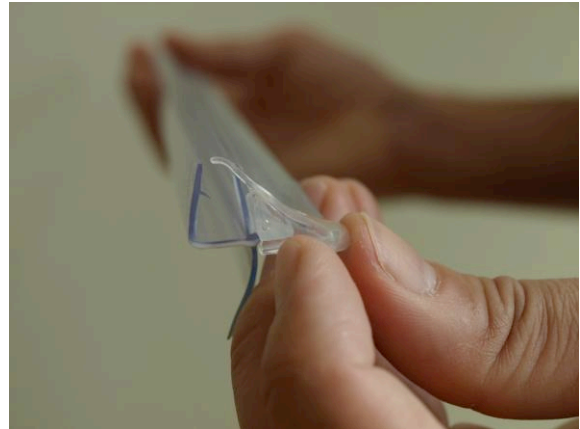


Fit the sweep and plastic sweep ends

Two oddly shaped plastic parts are supplied with the fixings, as shown. These fit into end of the sweep to fill the gap between the hinge and the sweep. There two parts are handed, for right and left hand installations. The other part can be installed at the other end of the screen if desired – it is arguably slightly better looking than the end of the sweep



19. Slot the correct sweep end into hinge end of the sweep so that the 'fat' end of the plastic part lines up with the bottom of the U shape in the profile of the sweep, as shown. To check that you have installed the correct part, hold the end of the sweep up next to the glass and check that the curve of the plastic part follows the curve of the hinge.



20. Fit the sweep. Wipe a drop or two of dishwashing soap along the bottom of the glass to make it easier to slide the sweep on. Take the hinge end of the sweep and ease it up on to the glass as close as possible to the hinge.

21. With an inch or so of the sweep on the glass, push the sweep along the bottom of the glass until it meets with the hinge. Check that the sweep end mates with the hinge

(i.e. that the correct part has been installed - if not, remove the sweep and install the other sweep end). Then carefully ease the hinge upwards onto the glass, moving from the hinge towards the other end.

22. Optional. Fit the other plastic part to the other end of the sweep.

Caulk the joint between the shower screen and the wall/tub ledge

23. Apply 100% silicone caulk at the joint between the mounting bracket and the wall. Continue the caulk out from the bottom of the wall at the joint between the mounting bracket and tub ledge, to prevent water going under the shower screen. Continue the caulk around the bottom of the

pivot up to where the glass starts in the closed position. (It helps to open the shower screen into the bathroom where possible to finish the caulking).

This completes the installation. We hope you enjoy your new bathtub shower screen; we stand by our products so please contact us if you have any questions or concerns about your shower screen in the future.