

FREEDOM SHOWERS

BY ACCESSIBILITY PROFESSIONALS

COLLAPSIBLE WATER DAM INSTALLATION INSTRUCTIONS

OUR INSTALLATION VIDEO IS AVAILABLE AT: <https://www.youtube.com/watch?v=1VC0AkmP2Cc>

FOR MODULAR SHOWERS WITH CURVED CORNERS

Fits all fiberglass reinforced models including: Acrylic, Gelcoat, Vikrel, Solid Surface, Composite, Cultured Marble



Important considerations before you begin

Most manufactured units are designed with a radius where the floor transitions or meets the wall. This is to ensure proper structural strength where the wall meets the floor. The installation of end caps is highly recommended on radius models for proper fit and finish. The caps will also help to keep your curtain inside the water barrier. A properly sized curtain with heavy tape weights combined with a water retainer is the most complete and effective system available today.

Order the correct length

Make sure you have ordered the correct length. See chart below. The water retainer strip is designed to travel along the floor to the wall radius until vertical, then capped. The length should be approximately 4-6" longer than the shower opening.

Size Verification Chart for all Factory Manufactured Shower Units

SIZE MODEL

APFCWRW3 – 3' with End Caps
APFCWRW4 – 4' with End Caps
APFCWRW5 – 5' with End Caps
(specify Flat or Round end caps)

Note: 1 1/2" wide flat mounting surface required.

Identifying proper mounting location

It will be helpful to determine whether your fiberglass reinforced shower unit has a small molded ridge or "water runoff assist" design on your unit. You will find this feature on the floor of approximately 1-3 inches from the front entry edge of your shower unit. The inside edge of the water retainer should rest on the crown of the ridge allowing the water to run off properly to the drain. Use this ridge as your guide to mounting the retainer parallel with the water run-off ridge. Models less the water run-off design ridge: All name brand barrier free showers that may not have water run-off a ridge and applications such as tile, marble or cement floor surfaces, purchaser must determine the proper mounting location and length.

FOR MODULAR SHOWERS WITH CURVED CORNERS (CONTINUED)

Tools & Materials required

Utility Knife	Tape measure	Straight edge	Clear or White 100% Silicone Adhesive caulk
Masking tape	Rubbing Alcohol	Bucket of water	Clean rags.

Installation Steps with Finished Radius End Caps

1. Thoroughly clean threshold surface of all soap scum and debris using standard bath cleanser. Chemically clean surface with rubbing alcohol.
2. Verify the required length anticipating the vertical rise, making certain there is enough retainer strip to make a vertical rise on the end walls.
3. Determine and mark center point of shower.
4. Determine and mark center point of water retainer strip.
5. Turn over water retainer strip and make cut on orange peel off strip at half way mark. Peel off a portion (approx. 4") of the orange peel off strip in one direction exposing the adhesive.
6. Align strip with pre-determined pencil mark or molded ridge crown of shower unit starting at the half way mark. Press on and adhere approximately 4" of strip. Pull and stretch to wall and align before removing remainder of orange peel off strip. Press into place.
7. Peel, stretch, align and pull remaining half to wall. Press into place.
8. Push in the male end of your end cap into the water retainer. Adhere end cap to unit with adhesive caulk and wipe clean. White or clear adhesive type caulk is recommended.
9. Use masking tape to temporarily hold cap in place until adhesive cures.



FOR SHOWERS AND SHOWER PANS WITH SQUARE CORNERS

Fits all TILE SHOWERS and manufactured SHOWER PANS: Acrylic, Gelcoat, Vikrel, Solid Surface, Cultured Marble



Important considerations before you begin

The installation of square end caps is highly recommended for proper fit and finish at corners. The caps will provide proper fit and finish to the where the dam meets the side walls. Finished caps also prevent water from being trapped in the dam itself or exiting the shower area insuring a lasting easy to maintain water seal. A properly sized curtain with heavy tape weights combined with a water retainer is the most complete and effective system available today.

Determine Location

Applications such as tile, marble or cement floor surfaces, purchaser must determine the proper mounting location and length.

Tools & Materials required

Utility Knife	Tape measure	Straight edge	Clear or White 100% Silicone Adhesive caulk
Masking tape	Rubbing Alcohol	Bucket of water	Clean rags.

Installation Steps with Square End Caps

1. Thoroughly clean threshold surface of all soap scum and debris using standard bath cleanser. Chemically clean surface with rubbing alcohol.
2. Dry Fit: measure the required length. Be sure to include inserted end caps in overall measurement.
3. Trim Caps on backside wall & floor mating surfaces if necessary to the contour of the corner for tight fit and finish to minimize caulking.
4. Determine and mark center point of shower.
5. Determine and mark center point of water retainer strip.
6. Turn over water retainer strip and make cut on orange peel off strip at half way mark. Peel off a portion (approx. 4") of the orange peel off strip in one direction exposing the adhesive.
7. Align strip with pre-determined half way mark.
8. Press on and adhere approximately 4" of strip.
9. Pull and stretch to wall and align before removing remainder of orange peel-off strip.
10. Press into place.
11. Peel, stretch, align and pull remaining half to wall. Press into place.
12. Dry fit end caps to insure proper fit. (Trim length if required after stretching & adhering dam)
13. Once proper fit is verified, prepare to apply silicone adhesive caulking.
14. Pull cap off to apply silicone adhesive caulking to male end of cap and re-insert male end into the collapsible dam.
15. Push cap off the wall and apply silicone adhesive to wall side of cap.
16. Release and wipe away excess caulking.
17. Wipe surfaces clean with rubbing alcohol.
18. Allow adhesive to cure before use.

FOR SHOWERS AND SHOWER PANS WITH SQUARE CORNERS (CONTINUED)



Tile Application Grout Line joints

The grout joints or entire outer edge beneath the retainer must be caulked to prevent soap and shower debris from lodging beneath the retainer. The adhesive tape does not extend to the edge (by design) to allow the retainer to absorb the impact energy of a rolling shower chair in high use applications. Wipe off excess caulk and let cure (according to caulk specifications) prior to shower use.

Square corner end cap

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