

Installation Instructions - Window Well Mounting

Sizing Recommendations:

- To meet egress, width and projection requirements must be considered. Common requirements are 36" for both width and projection.
- Window well height should be 3" above the grade line to 10" below the bottom of the window.
- Note: If a grate or cover is to be used positioning and size of the well may change to comply with egress codes, and the operation of the window. This is extremely important if a casement window is used.

Mounting:

- Add two inches to the window well width dim for fastener spacing. Mark lines to center area wall in front of the window at this dim. The top holes should be at ground grade line and level. Additional holes should be spaced down every 10 11/16" of window well height.
- Drill and fasten per recommendations of the concrete anchoring system to be used.
- Fill the bottom of the interior of the window well with 4" pea gravel. For areas where water can be a problem, a deeper hole and drain may be required. Back fill around the window well evenly from side to side. Do not use large rocks or clods. Do not over pack or drive heavy equipment close to the well.

Garden Step™ Window Well Mounting

- After the walls have been poured and the concrete forms stripped off. Determine the line that the top of the window well should be at. Also determine the width lines for mounting screws. The spacing is 57". The top hole is 5.5" below the position of the top area wall flange.
- Attach the mounting bar marked "LEFT HAND" to the left side of the window opening and the one marked "RIGHT HAND" to the right side. Use 4 concrete anchors per bar. Note: Right hand and Left hand are from outside looking in.
- Mount the Window Well sections to the mounting bar. Starting at the bottom with the smallest well. The mounting holes and the walls have been color coded to match the color coded studs in the mounting bars.
- Fill the interior of the bottom well with a few inches of pea gravel or similar material. Back fill the hole around the window well evenly from side to side. Do not over pack or drive heavy equipment too close to the wells.

Installing a window and window well in an existing basement:



- Mark a centerline on the foundation above the window. Dig the hole so it is centered across the window opening.
Note: Dig the hole 4' wider and 1' greater in depth and projection than the window well you are using.



- Cut the window opening with a concrete saw. Make the opening 1/2" larger in width and height than the window unit.
Note: If your window needs a lintel, include the lintel in the height measurement.



- Install the window from the interior. Make it flush with the inside of the wall. Install with: Shims, Concrete Anchor Bolts, Neutral Cure Silicone Sealant



- Determine the mounting location of the window well. It should be 3" above the ground elevation at the top. The bottom of the well should be 10" below the window sill.
Note: If a grate or cover is to be used positioning and the size of the well may change to comply with egress codes, and the operation of the window. This is extremely important if a casement window is used and/or if a hinge mounted grate or cover is used.
- Fill in the base of the hole with a minimum of 8" pea gravel and level to the desired depth in relation to the window. If possible, tie into your drainage system.
- Center the wall unit over the window and level the unit. On each side, drill holes in the pre-marked drill areas on the flanges to accommodate the diameter of your fasteners.

- Clean the flange surfaces that will butt up against the foundation. Then apply a quality polyurethane sealant
- Center the well over the window and fasten to the foundation with fasteners on each side

Backfill with dirt



- Backfill by hand with dirt up to 3" from the top of the Monarch Window Well System.
Warning: Do not use frozen dirt or large rocks.
Note: Using clay to fill in the hole around the well can cause localized buckling (use the Stif Back™ Well for this type of fill).
- The load carrying capacity of the area walls depends upon proper backfilling. Always support all area walls inside during the backfilling procedure. Consider using a knee brace.
- Attach cover/grid over window well and optional ladder for steel systems

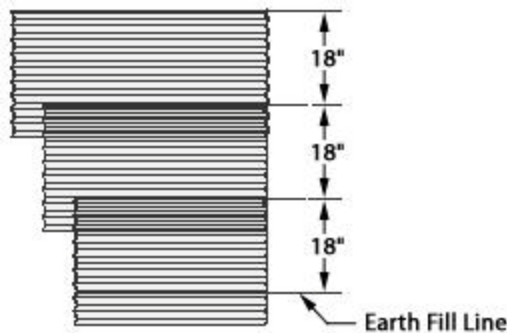
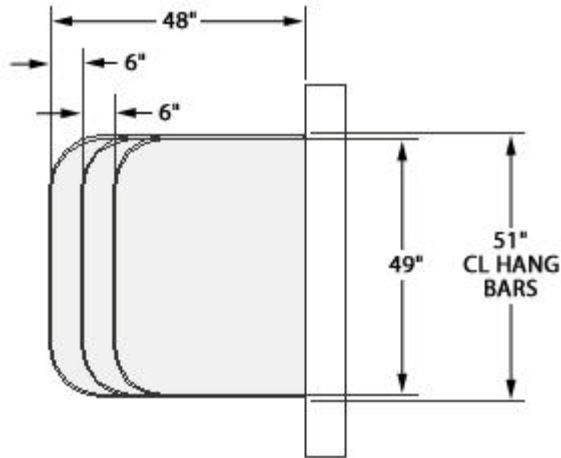
Mid-West Series Vinyl Replacement (For Chicago Land Market Only.) For 26 X 32 Steel Egress Frame (Inside Opening Dim 31" wide X 36 1/2" Tall)

- Remove original aluminum window. Clean steel frame.
- Peel and stick drilling template to head, place behind window retaining step tight to frame sides.
- Center punch, the center of the circle closest to the vertical frame side.
- Drill a 5/16" dia hole through the steel and 1/2" into the concrete. Hole needs to be as vertical as possible.
- Repeat opposite side of frame top.
- Use a hack saw to cut off the tilt stops at the lower end of the vertical sides.
- Install the new Insulated Vinyl Window. Set the sill in first, pull the latch pins down and rotate the head into position. Make sure both latch pins go into the holes drilled at top of frame.

Area Window Well Mounting - Sizing Recommendations:

- To meet egress, width and projection requirements must be considered. Common requirements are 36" for both width and projection.
- Area wall height should be 3" above the grade line to 10" below the bottom of the window.
- Note: If a grate or cover is to be used positioning and size of the well may change to comply with egress codes, and the operation of the window. This is extremely important if a casement window is used.

- Add two inches to the area wall width dim for fastener spacing. Mark lines to center area wall in front of the window at this dim. The top holes should be at ground grade line and level. Additional holes should be spaced down every 10 11/16" of area wall height.
- Drill and fasten per recommendations of the concrete anchoring system to be used.
- Fill the bottom of the interior of the area wall with 4" pea gravel. For areas where water can be a problem, a deeper hole and drain may be required. Back fill around the area wall, evenly from side to side. Do not use large rocks or clods. Do not over pack or drive heavy equipment close to the wall.



Garden Step™ Window Well Mounting

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- Attach the mounting bar marked "LEFT HAND" to the left side of the window opening and the one marked "RIGHT HAND" to the right side. Use 4 concrete anchors per bar. Note: Right hand and Left hand are from outside looking in.
- Mount the window well sections to the mounting bar. Starting at the bottom with the smallest well. The mounting holes and the well sections have been color coded to match the color coded studs in the mounting bars.
- Fill the interior of the bottom wall a few inches with pea gravel or similar material. Back fill the hole around the window well evenly from side to side. Do not over pack or drive heavy equipment too close to the window well.