



**IMPORTANT: Read these instructions thoroughly before installing the well.**

Wellcraft is not responsible for claims resulting from the failure of the contractor or homeowner to properly install or maintain Wellcraft Wells.

Call your local diggers hotline before beginning excavation to avoid accidental contact with underground lines.

Consult with the local building inspector for the building code requirements in your area.

Gutters, down spouts, faucets on exterior walls, sprinkler heads, and sump pumps must be at least 10 feet away from the window well. All water should be directed away from the well.

Always have the final installation approved by the local building inspector.

Heavy equipment must stay a minimum of 10 feet away from the well. Polyethylene, although extremely durable can be damaged by heavy equipment.

## Digging

- 1 Mark a center line (see figure A) on the foundation above the window.
- 2 Mark two lines (see figure A) 38.25 inches on either side of the center line for the total width of the well (76.5 inches total). This is the maximum width of the well to the outside of the flange. (Keep the well's flanges on these lines, to assure the cover will fit properly, when installed.)
- 3 Dig the hole so it is centered across the window opening and large enough to accommodate the well and a working area. The hole should be dug deep enough to tie into the house perimeter drain. Connect the window well drain system to the perimeter drain system to provide adequate drainage of any water that may enter the window well (see figure C). These pipes must be a minimum of 6 inches in diameter and capped such that stones or dirt can't enter the drain system but water can enter easily. (Window well drain system not supplied.)
- 4 Fill the bottom of the hole with pea stone and level to a minimum of 4 inches below the window sill. This will be the bottom of the well.

## Mounting

- 5 Determine the vertical mounting location. Wellcraft window wells should be installed with the top edge of the well above the top edge of the window so that the well does not interfere with the window opening and to allow the cover to fit properly. The top edge of the well should also be approximately 3 inches above final grade. The grade should slope a minimum of 1 inch per foot away from the building (see figure C).
- 6 The foundation must be flat and clean of all debris to assure a proper fit of the flange to the house. Seal the outside and inside of the flange area touching the foundation with a professional grade of silicon caulk (not included).
- 7 Drill holes for fasteners for all pre-drilled holes on the flange of the well. For poured concrete foundations use 3/8 x 3 3/4 inch wedge anchors. For block foundations use 3/8 x 2-7/16 inch sleeve anchors. Use a minimum 1 inch diameter washer on all fasteners. RAM-SET activated fasteners should not be used. (Anchors not included.)
- 8 Position the well against the foundation wall:
  - Set the smallest section of the well into the hole (see figure D). Make sure the section is level, in the correct vertical position as described in item 5, and that the outside edges of the mounting flanges are on lines described in item 2. Mark the foundation through the pre-drilled holes on the mounting flanges (2 on each side). Make sure the correct width is maintained.
  - Set the second section on top of the first section and attach them together (see figure E) using four 5/16 x 2 inch bolts and washers. Make sure to align the well to the plumb lines described in item 2. Mark the holes on the foundation. Remove the section to drill the holes in the foundation. After drilling for fasteners, the well section can be attached to the foundation and bolts replaced to hold the sections together.
  - Set the third section on top of the second section and attach them together using four 5/16 x 2 inch bolts and washers. Make sure to align the well to the plumb lines. Mark the holes on the foundation. Remove the section to drill the holes in the foundation. After drilling for fasteners, the well section can be attached to the foundation and bolts replaced to hold the sections together.

## Backfill

- 9 Pea stone shall be used to backfill the well. (see figure C and F) The backfilling shall be done by hand and evenly distributed as the filling occurs. Pea stone will allow the excess water against the exterior of the well to drain away easily to the perimeter drain system that was installed. The top 6 inches can be backfilled with top soil to support desired vegetation.

## Cover (sold separately)

- 10 A Wellcraft well cover (see figure G) should always be installed to prevent people and animals from stepping into the open well. Wellcraft well covers are designed to be used only when the top of the window is below the top of the well. Wellcraft is not responsible for accidents caused by failure to have a well cover installed. If a well was installed on an existing window, you must make sure to use either a third-party bubble style cover, fence, or other enclosure to ensure safety around the well.
- In order to assure the cover fits properly, make sure that the very outside edges of the flanges are 38.25 inches from the center of the window (total measurement of 76.5 inches between the outside of the well flanges).

All Wellcraft Wells are designed to meet IRC-2006 International Residential Code requirements, Section 310, for Emergency escape/Rescue window openings for one and two family dwellings. The 6700 well is designed to be used with up to a 5 foot wide window that meets the egress code. **10-year limited warranty on window wells in effect when installation instructions are followed. Contact Wellcraft Inc. for Details.**



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