



[www.prowellwoodworks.com](http://www.prowellwoodworks.com)

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## **INSTALLATION GUIDE FOR ARBORS**

Prowell's Arbors are predominantly sold as extensions to existing wood posts, columns, and walls.

**To Wood Posts:** Two and four-post assemblies arrive with 1.2" dia. threaded rod embedded into the end-grain bottoms of the arbor trusses (for arching arbors) or the arbor's vertical extension posts. There will be mounting caps that have been pre-bored and countersunk unless these have been specifically omitted in lieu of a flush fit. The mounting caps should be used as a template for boring a ½" dia. hole into the tops of the site posts. The caps then fit over the threaded rod in the arbor to seat themselves to the end-grain bottoms of the arbor and using the pre-bored and countersunk holes, the caps are screwed into the bottom of the arbor trusses or vertical extensions. The threaded rod will extend below, or beyond the caps. Using an epoxy applied to the threaded rod, the arbor assembly is then seated onto the site posts, using the threaded rod to guide itself into the ½" dia holes in the site posts.

**Without Mounting Caps:** Those assemblies that prefer no mounting caps for a flush joint, the end-grain bottoms of the arbor trusses or vertical extensions will be eased with a 1/8" roundover. The same should be done to the tops of the site posts. There will be a ¼" template fitted over the threaded rod embedded into the arbor trusses or vertical extensions. This template should be used in boring a center hole into the tops of the site posts. Following the same procedure for seating the assembly as described above.

**To Masonry or Stone Columns and Walls:** These arbors arrive without mounting caps. They are designed to mount onto the tops of columns or walls using threaded rods. The bottom of the arbor posts are pre-bored and set with threaded rod, with an accompanying template to help you align the bore into the



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column or wall. The arbor and threaded rod is set into the corresponding hole in the masonry or stone with epoxy. The arbor is eased down to seat itself onto the wall or column.

**Ceiling Panels:** Certain 4-post arbors are offered in a variety of designs and styles. Commonly, they consist of panels that are joined and assembled in the shop and shipped free of the corresponding arbor assembly. The panels simply mount to the cross-beams as shown on the drawings with 3” stainless screws.

**Valance Panels:** These panels were designed to fit between the gate and arbor posts, mounted with screws. (Two pre-bored holes are set along the vertical stiles of the panel). The Valance Panels, and the gate, determines the exact width of the post settings. Four-post square settings will often require the installer to use a plywood template to insure the posts are set square and not as a parallelogram.

**Flat Grid Arbors:** These are commonly delivered with the overhead grid as a half-lap joined assembly, as well as joined to the cross-beams. The entire assembly is raised into place and set atop the four set arbor posts. For square settings, the bottoms of the arbor beams will be notched with a 1/2” dado, slipping over the post for a ‘seat.’

**Gabled Arbors w/ Insert Panels:** These assemblies arrive with the two gable rafters pre-cut with their “birdseye” cut that corresponds to the site cross-beam. Each side of the gable usually has two inserted panels for a louvered effect. Four panels in all. These are also delivered in place. This entire assembly is set to the top of the cut posts as a pre-assembled unit.