



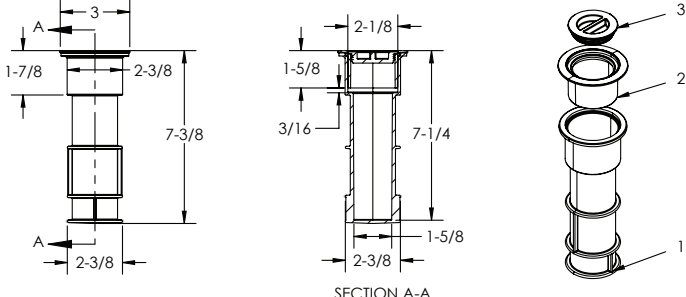
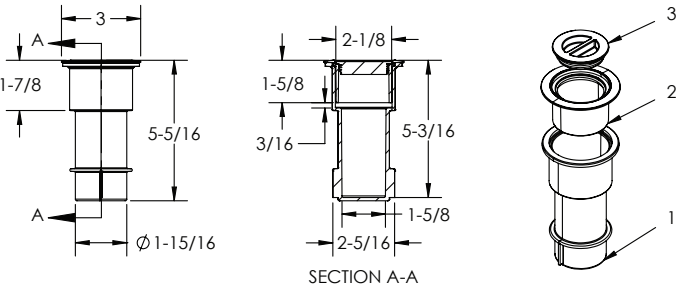
UMBRELLA STAND INSTALLATION INSTRUCTIONS

INSTRUCTIONS FOR MODELS:

USxxx, SMUSxxx

(xxx = COLOR SUFFIX)

READ AND FOLLOW ALL INSTRUCTIONS

USxxx - 7½" Umbrella Stand with Sleeve and Center Cap with Water Stop	SMUSxxx - 5" Umbrella Stand with Sleeve and Center Cap with Water Stop
 SECTION A-A 1. Umbrella Stand, 7-1/2" Body 2. Umbrella Stand, Sleeve 3. Umbrella Stand, Cap	 SECTION A-A 1. Umbrella Stand, 5" Body 2. Umbrella Stand, Sleeve 3. Umbrella Stand, Cap

The AquaStar umbrella stands are designed to hold 1 ½" (38 mm) diameter umbrella poles. They will accept poles up to 1 ⅝ inches (41 mm) in diameter. The umbrella stand is available in two pole depths; 7 ½ inches (191 mm) and 5 inches (127 mm). Both include a replaceable sleeve that press-fits into the umbrella stand and accepts a threaded cap to keep debris out. The umbrella stand must be encased in the concrete shell of the pool or concrete decking. When used with deck pavers, a concrete foundation block below the pavers is required.

NOTICE! Never use wooden poles in a wet or submerged umbrella sleeve. Wood swells and may crack the umbrella sleeve and surrounding concrete.

NOTICE! The designer must specify a minimum amount of concrete below and around the umbrella stand to properly support the weight of pool water and wind loading when an umbrella is installed. (See measurements below)

Underwater Locations

- Underwater locations require the umbrella stands to be encased a watertight, structural grout, typically the final finish, such as pool plaster. Umbrella stands installed in decks do not need this waterproofing.
- Underwater locations require a blind hole to be formed in the concrete shell that is 3 ½ to 4 inches (89 mm to 102 mm) in diameter. This hole must be least 8 inches deep for part # USxxx and 5 ½ inches (140 mm) deep for part # SMUSxxx. Umbrella stands installed in decks do not need this as they should be encased directly in concrete. When used with pavers, install the longer, USxxx in a concrete thrust block leaving the top protruding up to the paver level.
- For underwater installations, partially fill the blind hole in the concrete shell and then use a level to assure the umbrella stand remains vertical while filling the rest of the hole. Deck installation also require the use of a level to assure the pole will be vertical when inserted.
- After the final finish is complete and hard, press the umbrella sleeve into the umbrella stand and then install the threaded cap.
- To install an umbrella, remove and save the threaded cap.
- Replace the threaded cap when not using the umbrella stand to keep it free of debris.