

## CABANACOAST AXIS CANTILEVER UMBRELLA IN-GROUND INSTALLATIONS

Your umbrella comes with a spigot. Once you have installed the In-Ground mount according to the instructions below, attach the spigot to the In-Ground mount using the supplied Allen key and bolts. Once the concrete has fully cured, lift the umbrella on to the top of the spigot. This is recommended as a two person operation.

- **IMPORTANT:** Be sure to have read “GUIDELINES TO CONSIDER WHEN INSTALLING” (Pages 3-4) before beginning the installation process.

When installation is required in-ground (into soil or sand etc.), an in-ground mount must be used. This is a Galvanized-steel mount which must be concreted into position. Once you have decided on the location of the umbrella/in-ground mount you will need to dig a hole in that location for a concrete footing to be installed. Where terrain differs from thick clay to sand or fine soil then a different sized footing hole must be prepared and a different volume of concrete used. As a guide only; a hole 16” wide x 27.5” deep is recommended for heavy clay terrain. If installing the mount into topsoil or sand, you will need a larger hole and more concrete. We would recommend increasing the depth of the hole, however, it’s best that you seek appropriate advice from a licensed contractor for your specific circumstances. When pouring the concrete, it is advisable to install a few lengths of re-bar into the concrete to prevent the possibility of cracking in the future. Remember the depth of hole is more important than width, and it is much easier to make the hole large at the time of installation than to try and re-stabilize the in-ground mount should it start to move at a later date.

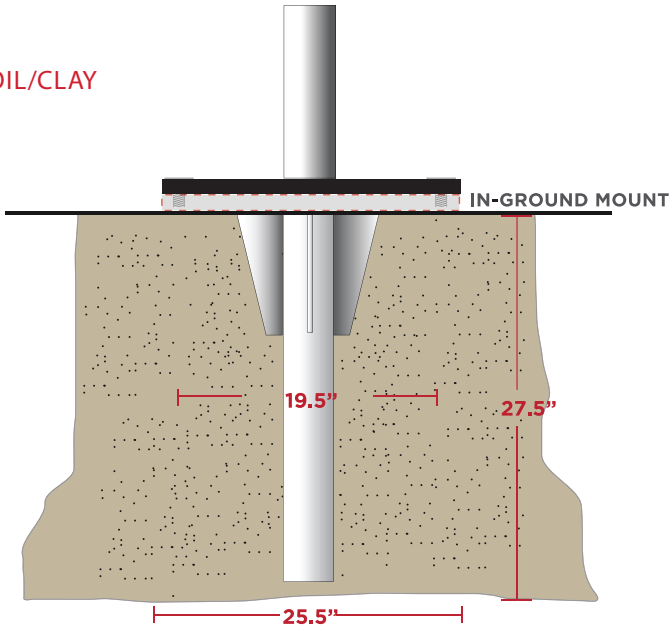
- **TIP:** Remember the depth of hole is more important than width, and it is much easier to make the hole large at the time of installation than to try and re-stabilize the in-ground mount should it start to move at a later date.

If installing into a paved patio, you may need to remove some pavers/tiles to facilitate the in-ground mount and have them cut and reinstalled back around the circular in-ground mount plate to give a clean, flush installation. When setting the in-ground mount into concrete, the top surface of the mount should be at the same level as your patio surface, so that if the umbrella is removed or relocated, then the face of the mount is flush to your surface.

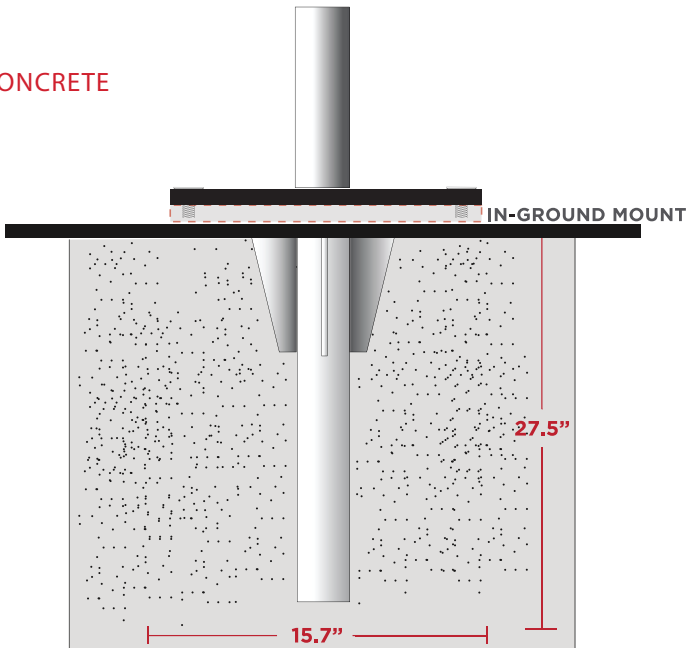
- **IMPORTANT:** Align one of the screw holes in the top of the spigot with your desired 12 o’clock position on the umbrella. Assure that the in-ground-mount plate is level. After the in-ground mount has been installed and the correct amount of time has passed for the concrete to harden and “cure”, you can finally stand up your CABANACOAST Axis Cantilever Umbrella on the mount.

Now that your In-Ground mount is installed and you’re ready to attach your CABANACOAST Axis cantilever umbrella spigot, you will need to remove the four “grub-screws” that are installed in the four spigot-bolt holes in the in-ground mount. Lift the CABANACOAST Axis Cantilever Umbrella and spigot on top of the mount. It will take two people to complete this. One person can hold the umbrella in the upright position while the second person finds and locates the four holes for the spigot bolts. Screw in all four spigot bolts loosely by hand. Once all four spigot bolts are in then you can use the supplied allen key to tighten up the bolts. Now you can carefully open your umbrella for the first time.

SOIL/CLAY



CONCRETE



## GUIDELINES TO CONSIDER WHEN INSTALLING

### OPENING ARC

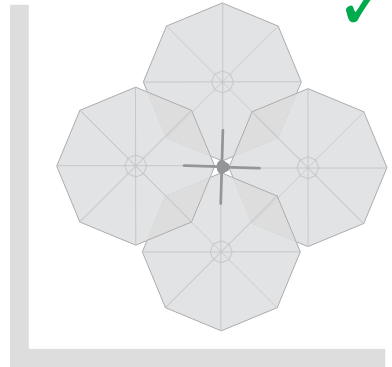
When choosing a location to install your umbrella, it is important to be aware of the umbrella's arm closing height and opening arc. Your umbrella may connect with a wall, fence or furniture if situated too close.

### ROTATION SPACE

Be aware of the clearance space required if you wish to rotate your umbrella. Nearby walls, trees, fences or a balustrade can limit this umbrella feature. Positioning your umbrella in a corner can severely limit your space to rotate.

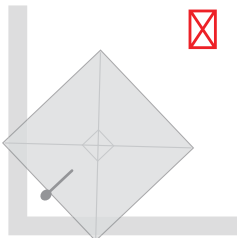
### PRE CHECK THE SPACE

Where possible, we recommend the umbrella is stood up in the desired installation location, and fully opened before installing the ground fittings. This is to ensure that the umbrella will fit that the installation location is correct. We recommend this is done in little or no wind.

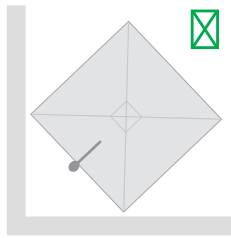


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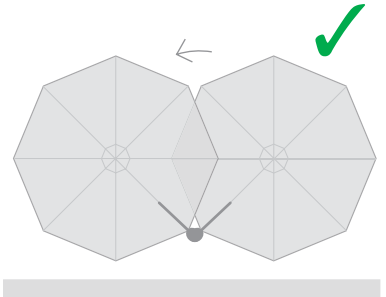
**GOOD RULE OF THUMB WHEN INSTALLING AN UMBRELLA WITH FULL 360°: MEASURE FOR CANOPY ON EACH SIDE**



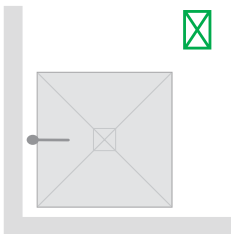
**TOO CLOSE TO A FENCE OR WALL**



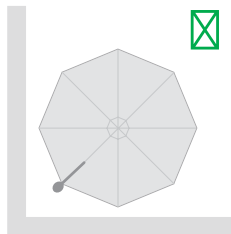
**ALLOWING ENOUGH DISTANCE FOR OPENING AND ROTATION**



**POSITIONING YOUR UMBRELLA AGAINST A WALL OR FENCE WILL LIMIT YOUR ROTATION, BUT NOT OVERALL FUNCTION OF YOUR UMBRELLA**



**SQUARE UMBRELLAS ARE BEST INSTALLED SQUARE TO THE WALL OR FENCE**



**OCTAGONAL UMBRELLAS ARE BEST SUITED TO INSTALLED OF THE CORNER OF A WALL OR FENCE**

## GUIDELINES TO CONSIDER WHEN INSTALLING

Your CABANACOAST Axis Cantilever Umbrella is delivered fully assembled. There are four different ways to install your CABANACOAST Axis Cantilever Umbrella:

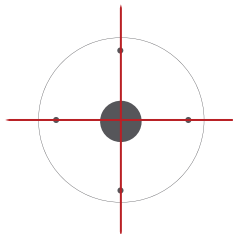
1. Installing on a wooden deck using a Deck Plate.
2. Installing on an existing concrete slab or pavers using a Deck Plate.
3. Installing into the ground (i.e. into a lawn, garden or paved patio) using the In-Ground mount.
4. Installing on a free-standing base.

Prior to installing your installation mounts please read the important information below.

**CORRECT ALIGNMENT OF INSTALLATION OPTIONS:**Your CABANACOAST Axis Cantilever Umbrella can rotate 360° and be locked in 16 different locations. This means that every 22.5° of rotation there is provision to lock the umbrella. In most situations there will be a preferred area over which you will predominantly want shade. To ensure you have the ability to shade your preferred location you must have one of the 22.5° rotation locking holes in line with this position. Please have a look at the underside of your spigot to see these 16 locking holes

There is a locking hole in line with each of the 4 spigot bolt holes in the spigot plate. There are also three intermediate holes between each of the spigot bolt holes and these are marked with an indicator mark on the top of the spigot plate.

To point your umbrella in the perfect direction or to have a symmetrical installation (especially when installing square umbrellas) it is very important to make sure you install the Base Plate or In-Ground mount square to the direction that you predominantly want the umbrella to point.



IN-GROUND MOUNT

PREFERRED STARTING  
POSITION FOR  
CABANACOAST AXIS  
CANTILEVER UMBRELLA TO POINT