



WINDMASTER10
CANTILEVER UMBRELLA

Concrete Surfaces



GUIDELINES TO CONSIDER WHEN INSTALLING

OPENING ARC

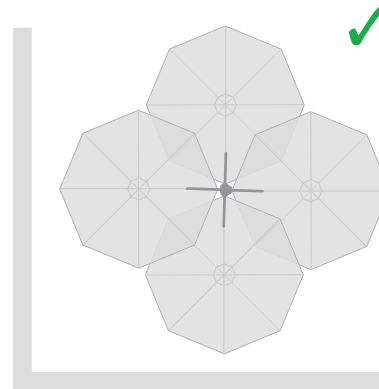
When choosing a location to install your umbrella, it is important to be aware of the umbrella's arm closing height and opening arc. Your umbrella may connect with a wall, fence or furniture if situated too close.

ROTATION SPACE

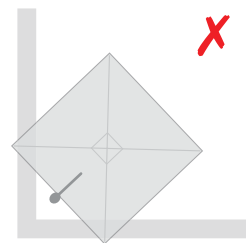
Be aware of the clearance space required if you wish to rotate your umbrella. Nearby walls, trees, fences or a balustrade can limit this umbrella feature. Positioning your umbrella in a corner can severely limit your space to rotate.

PRE-CHECK THE SPACE

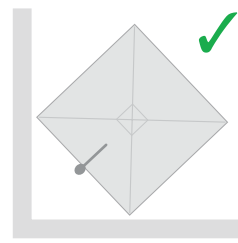
Where possible, we recommend the umbrella is positioned upright in the desired installation location, and fully opened before installing the ground fittings. This is to ensure that the umbrella will fit, and that the installation location is correct. We recommend this is done in little or no wind.



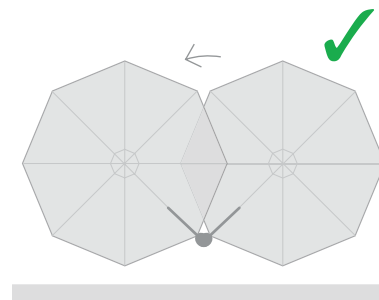
GOOD RULE OF THUMB WHEN INSTALLING AN UMBRELLA WITH FULL 360°, MEASURE FOR CANOPY ON EACH SIDE



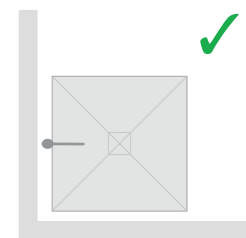
TOO CLOSE TO A FENCE OR WALL



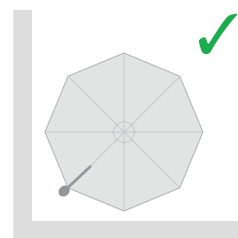
ALLOWING ENOUGH DISTANCE FOR OPENING AND ROTATION



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 BE INSTALLED IN THE CORNER OF A WALL OR FENCE

WINDMASTER 10

CANTILEVER UMBRELLA



GUIDELINES TO CONSIDER WHEN INSTALLING ON A CONCRETE SURFACE

Your WINDMASTER 10 Cantilever Umbrella is delivered fully assembled. Things to consider when installing your WINDMASTER 10 Cantilever Umbrella using the deck mount plate.

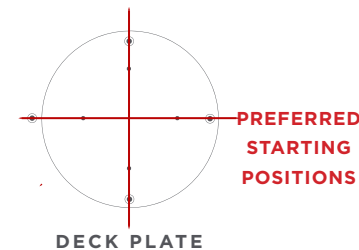
1. Installing on a wooden deck using a Deck Plate.
2. Installing on an existing concrete slab or pavers using a Deck Plate.

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

CORRECT ALIGNMENT OF INSTALLATION OPTIONS: Your WINDMASTER 10 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 can shade your preferred location you must have one of the 22.5° rotation locking holes in line with this position. Please examine the underside of your Spigot (mounting post) to see these 16 locking holes.

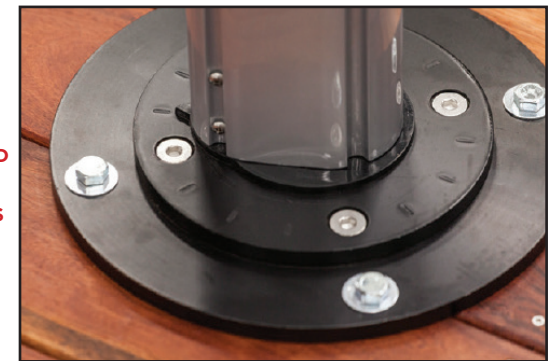
There is a locking hole in line with each of the 4 Spigot (mounting post) bolt holes in the Spigot (mounting post) plate. There are also three intermediate holes between each of the Spigot (mounting post) bolt holes and these are marked with an indicator mark on the top of the Spigot (mounting post)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



PREFERRED STARTING POSITIONS

DECK PLATE



WINDMASTER

CANTILEVER UMBRELLA





SURFACE INSTALLATIONS

Your umbrella comes with a Spigot (mounting post). Once you have installed the Deck Plate mount according to the instructions below, attach the Spigot (mounting post) to the Deck Plate mount using the supplied Allen wrench and bolts. This is recommended as a two-person operation.

- **IMPORTANT:** Be sure to have read "GUIDELINES TO CONSIDER WHEN INSTALLING"

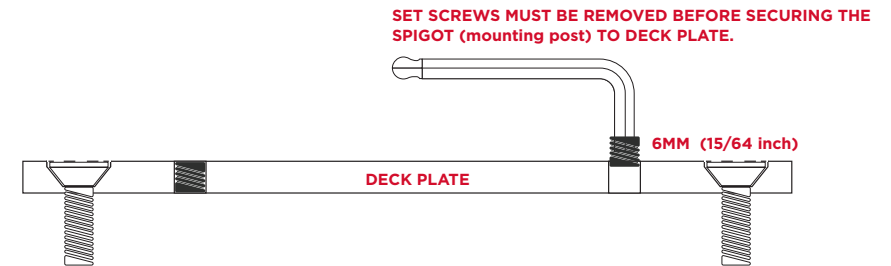
INSTALLING ON A CONCRETE SLAB: To install your WINDMASTER 10 Cantilever Umbrella onto a concrete slab you will need the following:

- Deck Plate and deck bolts (purchased by you or supplied by your hired professional contractor. (We recommend concrete bolts approximately .5" x 4")
- A hammer drill with masonry bits
- A socket set
- A trusted level

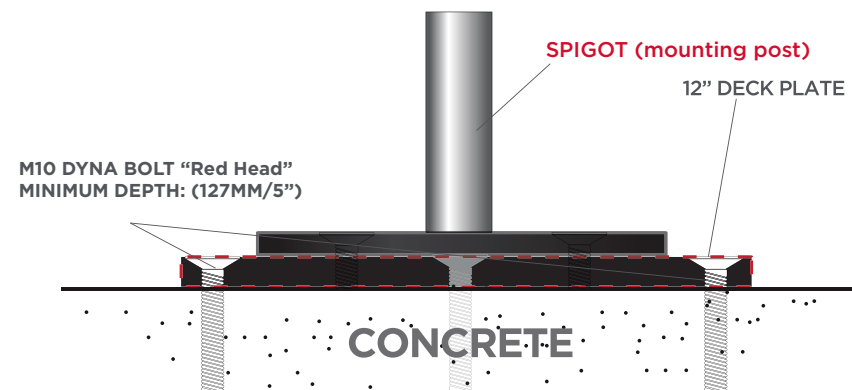
- **IMPORTANT:** Your umbrella must be bolted down into concrete at least 4" deep. Keep a cushion of 6-8" from edge of concrete slab.

Once you have decided on the location of the WINDMASTER 10/Deck Plate, use the four outer holes in the deck plate as a template to start drilling each of the holes in to the concrete. Drill each of the four holes using a hammer drill, down to about .5" deeper than the concrete bolt being used. This allows space for the bolt if dust falls to the bottom of the hole. Drill the holes at the correct diameter for the bolts provided. Use a level to ensure the base plate is level once all four holes have been drilled. If the deck plate is not level, use galvanized or stainless steel washers to level the deck plate on the concrete. Torque down the four bolts through the base plate with washers (if needed) until they are fully wound in and are tightly holding the deck plate.

After the deck plate has been securely fixed to the deck you should now remove the four "grub bolts" that are installed in the four Spigot (mounting post)-bolt holes. (The purpose of these grub bolts is to keep dirt out of the threaded holes when not in use). Attach the Spigot (mounting post) to the deck plate using the supplied hardware and tighten down with the supplied Allen wrench. Lift the WINDMASTER 10 umbrella onto the Spigot (mounting post) on top of the base plate. Now you can carefully open your umbrella for the first time.



CONCRETE SLAB/SURFACE



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Wood Surfaces



GUIDELINES TO CONSIDER WHEN INSTALLING

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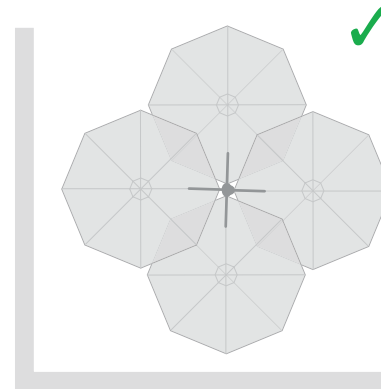
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ROTATION SPACE

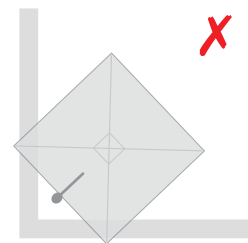
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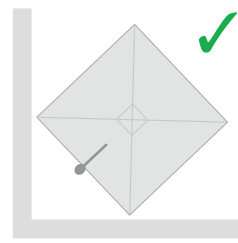
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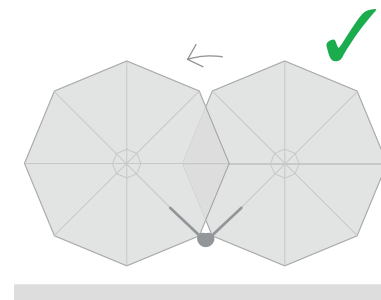
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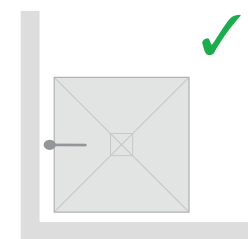
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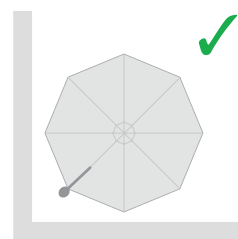
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GUIDELINES TO CONSIDER WHEN INSTALLING ON A WOOD DECK

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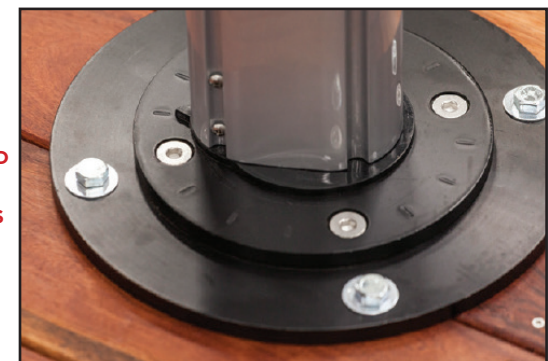
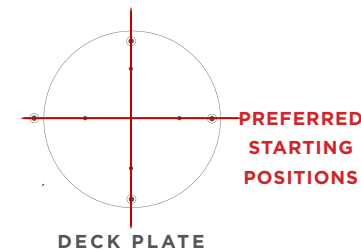
1. Installing on a wooden deck using a Deck Plate.
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There is a locking hole in line with each of the 4 Spigot (mounting post) bolt holes in the Spigot (mounting post) plate. There are also three intermediate holes between each of the Spigot (mounting post) bolt holes and these are marked with an indicator mark on the top of the Spigot (mounting post) 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.



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SURFACE INSTALLATIONS

Your umbrella comes with a Spigot (mounting post). Once you have installed the Deck Plate mount according to the instructions below, attach the Spigot (mounting post) to the Deck Plate mount using the supplied Allen wrench and bolts. This is recommended as a two-person operation.

- **IMPORTANT:** Be sure to have read "GUIDELINES TO CONSIDER WHEN INSTALLING"

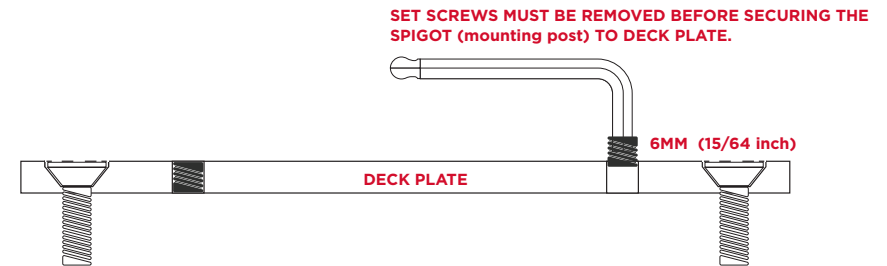
INSTALLING ON A WOOD DECK USING A BASE PLATE: To install your WINDMASTER 10 Cantilever Umbrella onto a wood deck the following instructions should be followed.

You will need the following:

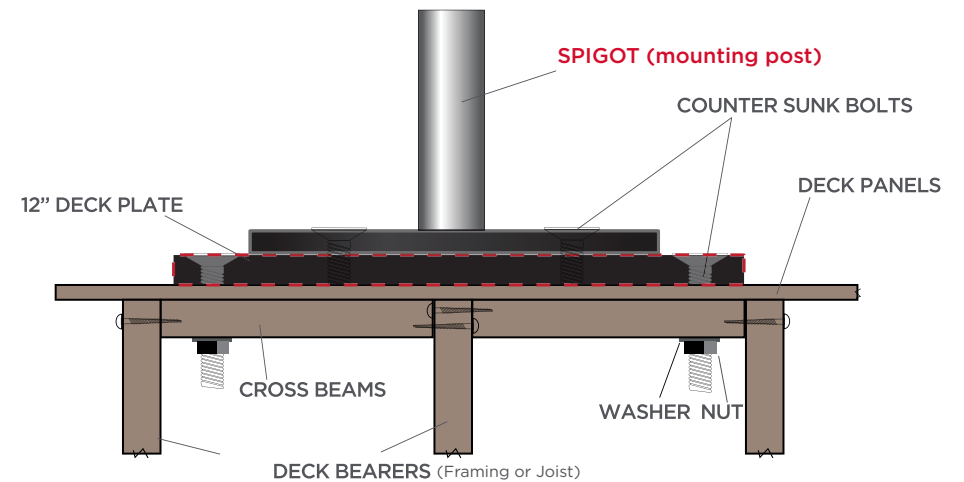
- Deck Plate and deck bolts (purchased by you or supplied by your hired professional contractor)
- Power drill
- A scrap piece of wood (to make a reinforcing brace) and suitable hardware to secure the brace to the deck joists
- **IMPORTANT:** Your umbrella must be bolted down into a reinforced brace that is fixed under the deck planks to the deck joist. The umbrella must not only be fixed to the deck planking as this will likely result in the deck planks "pulling up" and the umbrella falling over in high winds.

Once you have decided on the location of the WINDMASTER 10/Deck Plate, use the four outer holes in the deck plate as a template to start drilling each of the holes in the deck. Make sure each of the four holes go through decking and miss the joists. Using the four holes drilled in the deck as a guide, you now need to install a reinforcing brace hard up under the decking for the deck plate bolts to be fixed into. It is recommended that two wood braces be secured between the deck joists or bearers that form the structural frame of the deck. Ideally the brace should be two short lengths of 4"x4" wood posts side by side, or alternatively two pieces of 2"x8" wood joists joined together for the umbrella deck plate to bolt through. The brace must then be securely fixed to the deck frame/joists using suitable hardware. These may be large galvanized nails, coach screws or builders brackets etc. If the installation is in a sea spray zone or coastal environment, stainless steel hardware is recommended.

You can now use the four holes already drilled in your decking and drill them all the way through the newly installed brace under the decking. Use a washer and nut on the underside of the bolt under the deck and torque down tight. After the deck plate has been securely fixed to the deck you should now remove the four "grub bolts" that are installed in the four Spigot (mounting post)-bolt holes. (The purpose of these grub bolts is to keep dirt out of the threaded holes when not in use). Attach the Spigot (mounting post) to the deck plate using the supplied hardware and tighten down with the supplied Allen wrench. Lift the WINDMASTER 10 umbrella onto the Spigot (mounting post) on top of the base plate. Now you can carefully open your umbrella for the first time.



WOOD DECKING



WINDMASTER 10
CANTILEVER UMBRELLA

