

Cantilever Umbrella Specifications

Frame Specifications:

Post Specifications: 73.1mm x 6.0mm Round Tube Top Arm Specification: 70mm x 4.2mm Round Tube

Arm Specification: 19mm x 19mm x 1.6mm Reinforced with 15mm x 15mm x 1.6mm Square

Winding Mechanism: Yacht Quality, 316 Stainless Steel Pulleys and Yacht Braid Marine Rope

Materials: Aluminum Frame Components, Nylon Arm ends and Bushes, Stainless Steel Fittings

Finish: Dulux Powder Coat Range

Standard Frame Colours: White, Beige, Primrose, Green, Black, Charcoal, Silver, White Birch, Claret, Navy **Custom Colours Available on Request**

Available Base Types: Stainless Steel Bolt down or In-ground (Cantilever Umbrellas must be fixed to the ground)

Options:

- Valances Straight,
 Scalloped, Italian Styles
- High Quality Zippered Dust Covers

100% Acrylic Outdoor Awning Fabric

Large Colour Selection
Over 17 Options 100% UV Blockout
UV Reflective Water Resistant Mould
& Mildew Resistant
Fade Resistant Guarantee

Wind rating of 60km/h while open





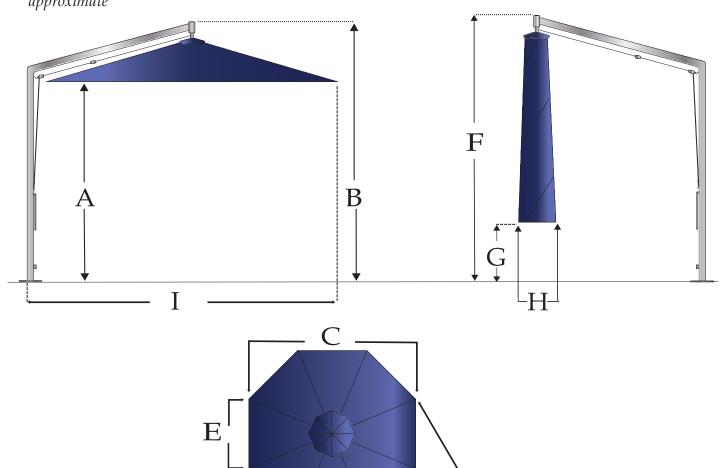


Cantilever® Octagonal Umbrella Dimensions

Size	A	В	C	D	E	F	G	Н	I
2.5 m	2150	2850	2200	2500	950	2850	1350	400	2400
3.0 m	2250	2950	2700	2950	1100	2950	1200	400	2950
3.5 m	2300	3050	3200	3500	1300	3050	950	400	3400
4.0 m	2200	3100	3600	3950	1500	3100	800	450	3850
4.3 m	2250	3150	3900	4300	1600	3150	700	450	4150

NB: *All measurements in millimeters.*

To be used as a guide only, all measurements are approximate



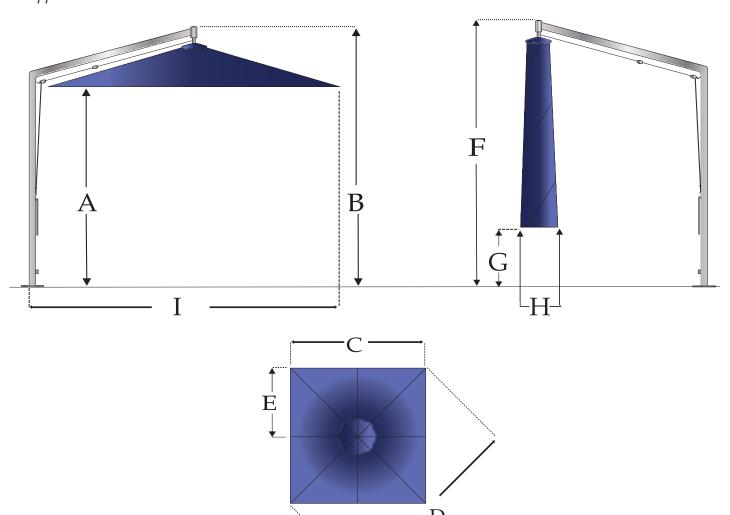


Square Cantilever® Umbrella Dimensions

Size	A	В	C	D	E	F	G	Н	I
2.0 m	2150	2800	2000	2850	1000	2800	1100	400	2250
2.5 m	2200	2950	2500	3500	1250	2950	800	400	2750
2.8 m	2250	3000	2800	3950	1400	2950	700	450	3000
3.0 m	2150	3050	3000	4250	1500	3050	600	450	3300

NB: All measurements in millimeters.

To be used as a guide only, all measurements are approximate





Cantilever Umbrella Installation Instructions

Bolt Down Installations - Fixing to Concrete:

Supplied Parts:

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- a) The Base Plate (250mm x 250 mm x 10mm)
- b) Umbrella Spigot
- c) Five 3/8" x 1" Bolts
- d) Five 3/8" Spring Washers
- e) One M16 x 30mm Grub Screws
- f) One 8mm Allen Key
- g) Two M8 x 80 mm Stainless Bolt with Nuts and Washers
- h) Hook Bolt with Nut and Washers
- i) Umbrella Handle

Recommended Fixings:

M12 x 100mm Dyna Bolts - Stainless Steel

M12 Chem Set – Stainless Steel M12 Screw Bolt – Galvanized

Minimum Concrete Thickness:

Reinforced concrete slab 100mm thick.

PPE Required:

Dust mask, Safety Glasses, Hearing Protection, Gloves

Tools Required:

- 1. M12 Concrete SDS Drill Bit
- 2. SDS Drill
- 3. Post Level
- 4. Dust Extraction
- 5. Spanner/Socket Set
- 6. Cordless Drill
- 7. Tape Measure
- 8. Shifting Spanner
- 9. 9/16" Spanner
- 10. 1 box M12 Flat Washer
- 1. Bolt the spigot to the base plate using the $3/8" \times 1"$ bolts and spring washers supplied using the 9/16" spanner.
- 2. Locate final position of the umbrella, make sure the base is plumb by packing 12mm washers under bolts holes whilst using a post level. Using the base as a template, drill through the bolt holes and into the concrete penetrating deep enough for your anchors. Secure the umbrella down with M12 Dyna bolts and use Acorn Nuts to finish.
- 3. Open the post box, retrieve the handle and bolt pack, and attach the top arm to the post using the two M8 x 80mm Bolts and M8 Washers either side of the bolt and nut.
- 4. Insert the hook bolt at the top most hole of the post and ensure the hook opening is towards the top arm.
- 5. Pick up the post and top arm and slide it on to the spigot and base and secure with the M16 x 30mm grub screw using the M8 Allen Key.
- 6. Attach the handle through the post and lightly tighten the M16 nut on the back of the handle, the handle should be able to swing freely so it can find its own centre when it is let go.
- 7. Remove the canopy and frame section from the box and pick it up by the end of one of the long arms. Locate the keyhole in the top arm, push the central tube of the frame section through the key hole and spin the frame section 180 degrees and it should lock into place.
- 8. Unwrap the rope from around the umbrella and place the pulley onto the hook bolt ensuring no twist in the pulley rope.
- 9. Whilst pulling on the rope push all 8 arms out from the centre of the umbrella
- 10. Attach the arm buffers with the screws provided in the threaded holes in the arm, this will assist in opening the umbrella going forward.
- 11. Tighten the umbrella and secure the rope to the rope cleat.
- 12. To rotate the umbrella, release the M16 grub screw at the base of the post so it is loose, and using the lever handle, rotate the umbrella to the desired location. Ensure to tighten the grub screw well so the wind does not spin the umbrella.
- 13. Check Spigot bolts are tight.
- 14. Enjoy your UltraShade Cantilever Umbrella!



Cantilever Umbrella Installation Instructions

13. Length of 75mm x 100mm hardwood.

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Bolt Down Installation - Fixing to Timber Deck:

Supplied Parts: Tools Required: Recommended Fixings: a) The Base Plate (250mm x 250 mm x 1. M12 Long Series Drill Bit M12 (Length will depend on deck and 10mm) 2. M5 Long Series Drill Bit, timber thickness) Bolts - Stainless b) Umbrella Spigot 3. Cordless Drill Steel c) Five 3/8" x 1" Bolts 4. Impact Driver 5. Post Level d) Five 3/8" Spring Washers PPE Required: 6. Dust Extraction e) One M16 x 30mm Grub Screws 7. Spanner/Socket Set Dust mask, Safety Glasses, Hearing f) One 8mm Allen Key 8. Tape Measure Protection, Gloves Two M8 x 80 mm Stainless Bolt with 9. 8mm Cobalt Drill Bit Nuts and Washers 10. 9/16" Spanner h) Hook Bolt with Nut and Washers 11. 1 box M12 S/S Flat Washer Umbrella Handle 12. 75mm or 100mm Batton Screws i)

- 1. Bolt the spigot to the base plate using the $3/8" \times 1"$ bolts and spring washers supplied using the 9/16" spanner.
- 2. Locate final position of the umbrella, make sure the base is plumb by packing 12mm washers under bolts holes whilst using a post level. Using the base as a template, drill through your deck through the bolt holes of the base.
- 3. Go underneath your deck and fix some 75mm x 100mm hardwood between your joists aligning the centre of the holes with the centre of the hardwood by pre-drilling through your joist with a 5mm drill and securing the timer with some 75mm or 100mm Baton screws.
- 4. Once timber is secured, drill from the deck boards down through the hardwood with your 12mm drill and bolt the base plate tot the deck.
- 5. Open the post box, retrieve the handle and bolt pack, and attach the top arm to the post using the two M8 x 80mm Bolts and M8 Washers either side of the bolt and nut.
- 6. Insert the hook bolt at the top most hole of the post and ensure the hook opening is towards the top arm.
- 7. Pick up the post and top arm and slide it on to the spigot and base and secure with the M16 x 30mm grub screw using the M8 Allen Key.
- Attach the handle through the post and lightly tighten the M16 nut on the back of the handle, the handle should be able to swing freely so it can find its own centre when it is let go.
- 9. Remove the canopy and frame section from the box and pick it up by the end of one of the long arms. Locate the keyhole in the top arm, push the central tube of the frame section through the key hole and spin the frame section 180 degrees and it should lock into place.
- 10. Unwrap the rope from around the umbrella and place the pulley onto the hook bolt ensuring no twist in the pulley rope.
- 11. Whilst pulling on the rope push all 8 arms out from the centre of the umbrella
- 12. Attach the arm buffers with the screws provided in the threaded holes in the arm, this will assist in opening the umbrella going forward.
- 13. Tighten the umbrella and secure the rope to the rope cleat.
- 14. To rotate the umbrella, release the M16 grub screw at the base of the post so it is loose, and using the lever handle, rotate the umbrella to the desired location. Ensure to tighten the grub screw well so the wind does not spin the umbrella.
- 15. Check Spigot bolts are tight.
- 16. Enjoy your UltraShade Cantilever Umbrella!



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Cantilever Umbrella **Installation Instructions**

In-ground Installations - Paving, soil or loose-ground

Supplied Parts:

- The In-ground Base
- Umbrella Spigot
- Five 3/8" x 1" Bolts
- d) Five 3/8" Spring Washers
- One M16 x 30mm Grub Screw
- One 8mm Allen Key
- Two M8 x 80 mm Stainless Bolt with Nuts and Washers
- h) Hook Bolt with Nut and Washers
- Umbrella Handle

Recommended Fixings:

4 x 20 KG Bag Structural Concrete Premix (Rapid set is strongly discouraged)

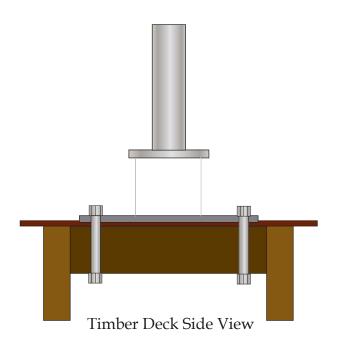
PPE Required:

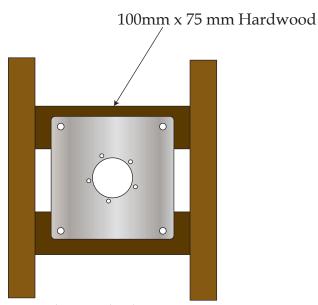
Dust mask, Safety Glasses, Hearing Protection, Gloves

Tools and Hardware Required:

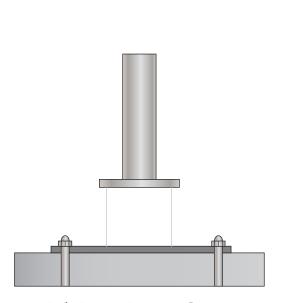
- 1. Post Hole Shovel
- 2. Spade
- 3. Crowbar or Jackhammer
- 4. Wheelbarrow
- 5. Cordless Drill
- 6. Post Level
- 7. Hose
- 8. Spanner/Socket Set
- 9. Tape Measure
- 10. 8mm Cobalt Drill Bit
- 11. 9/16" Spanner
- Bolt the Spigot to the In-ground base using the 3/8" x 1" Bolts and 3/8" Spring Washers and the 1. 9/16" spanner.
- 2. Dig a hole for the concrete measuring approximately 400mm wide x 500mm deep. **Note:** The size of the hole depends on the soil type, (e.g., sandy soil = 500mm x 700mm). For taller umbrellas (custom height) = 500mm x 700mm.
- Mix the required concrete and fill the hole until the level of the concrete is approximately 50mm 3. below the ground level.
- Insert the in-ground base into the concrete. The underside of the base flange should be at least 4. 12mm above ground level.
- 5. Using a post level, ensure the spigot is plumb while the concrete goes off.
- UltraShade recommend leaving the concrete for 5 7 days to cure. 6.
- Open the post box, retrieve the handle and bolt pack, and attach the top arm to the post using 7. the two M8 x 80mm Bolts and M8 Washers either side of the bolt and nut.
- Insert the hook bolt at the top most hole of the post and ensure the hook opening is towards the 8. top arm.
- 9. Pick up the post and top arm and slide it on to the spigot and base and secure with the M16 x 30mm grub screw using the M8 Allen Key.
- Attach the handle through the post and lightly tighten the M16 nut on the back of the handle, 10. the handle should be able to swing freely so it can find its own centre when it is let go.
- 11. Remove the canopy and frame section from the box and pick it up by the end of one of the long arms. Locate the keyhole in the top arm, push the central tube of the frame section through the key hole and spin the frame section 180 degrees and it should lock into place.
- 12. Unwrap the rope from around the umbrella and place the pulley onto the hook bolt ensuring no twist in the pulley rope.
- 13. Whilst pulling on the rope push all 8 arms out from the centre of the umbrella
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- 15. Tighten the umbrella and secure the rope to the rope cleat.
- 16. To rotate the umbrella, release the M16 grub screw at the base of the post so it is loose, and using the lever handle, rotate the umbrella to the desired location. Ensure to tighten the grub screw well so the wind does not spin the umbrella.
- 17. Check Spigot bolts are tight.
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UltraShade

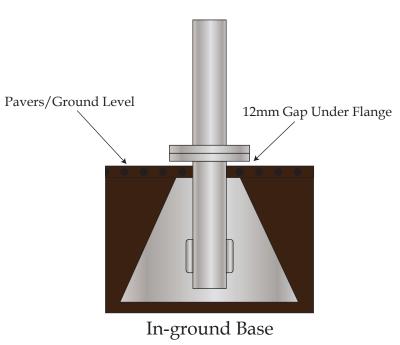








Bolt Down Base on Concrete



Footing Size:
Approximately 400mm x 600 mm

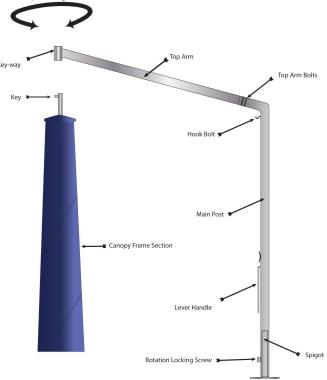


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UltraShade Cantilever Assembly Instructions

- 1. Install base & bolt spigot to base (see base installation instructions).
- 2. Insert the sleeved end of the top arm into the main posts angled section where the bolt holes are located. Rotate the top arm until the key-way would be vertical to the ground. There is a notch on the back side of the key-way which should be facing the sky. Secure the top arm to the main post with the two bolts washers and nuts provided ensuring a washer is on either side of the post. Nylock nuts to the bottom. Secure the hook bolt to the main post.
- 3. Slide the main post over the spigot.
- 4. Insert the 16mm rotation locking screw into the threaded hole and tighten onto spigot with the allen key provided. This may be loosened later to rotate the umbrella into the desired position.
- 5. Always re-tighten the grub screw after changing position.
- 6. Attach the lever handle to main post ensuring there is a washer either side of the post. Be sure not to tighten the lever handle where it is unable to loosely swing.
- 7. Insert the canopy frame's central tube key into the key-way on the top arm, so that the key slides to the top of the key-way. Rotate the canopy 180° and allow the key to drop into the small notch at the back of the key-way.
- 8. Slip the rope pulley shackle onto the stainless-steel hook on the main post.
- 9. Open Umbrella by pulling the rope. Some assistance may be required from the fully closed position by pushing the arms out from the centre of the umbrella.
- 10. Fit 15mm nylon buffers as per the installation instructions to make it easier to open in the future.





Cantilever Umbrella Warranty

Aluminum Frames are covered by a 5 Year manufacture's warranty. Warranty specifically excludes damage to the powder coat finish caused by corrosion, scratching, pitting, fading or peeling.

Canopy Fabrics are covered by a 3 Year manufacture's warranty. Warranty specifically excludes; stains, mildew fading.

Conditions of Warranty:

- 1. This warranty does not cover any repairs consequent upon accident, alterations or repairs by any other than an authorised dealer/agent of UltraShade, misuse, fire, floods, earthquakes or excessively high wind conditions.
- **2.** This warranty applies to the original purchaser from the purchase date and covers manufacturing faults and defects.
- 3. This warranty is valid only for installation made by UltraShade/ Agent/ Dealer/ Yourself/ Tradesman: The installation must be carried out exactly as shown in the UltraShade Installation Instructions and Technical Information.
- **4.** Owner to ascertain position of all underground pipes and electrical wires and notify installer of any obstacles. Although all care will be taken, no responsibility can be accepted for any underground breakages.
- **5.** This warranty is valid only if the canopy has been kept clean and free of dust/debris with regular hosing as this will prolong the life of the canopy.
- **6.** This warranty is only valid if the umbrella is put up and collapsed as detailed in the open/close information.
- **7.** The cost of transportation and insurance both ways for any repair to the UltraShade Umbrella is to be paid by the claimant.
- **8.** Warranty specifically excludes general wear and tear, rusting of steel components and parts, corrosion and damage caused as a result of failure to observe reasonable care, maintenance and assembly instructions.
- **9.** UltraShade reserves the right to determine whether or not fault is caused by faulty workmanship or material or any other part is defective.
- **10.** UltraShade may offer advice but accepts no responsibility to the suitability of the ultimate position of the UltraShade Umbrellas.

The benefits conferred by this manufacturer's warranty are in addition to all rights and remedies conveyed by the Competition and Consumer Act 2010 (Commonwealth), and any other statutory rights to which you may already be entitled, and this warranty does not exclude, restrict or modify any such rights or remedies that are implied by law.