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Heavy Duty Umbrella Specifications

Frame Specifications:

Post Specifications: 82.5mm x 5.2mm Round Tube

Arm Specification: 25mm x 50mm x 3.2mm

Winding Mechanism: Anti-tamper Rack and Pinion Gearbox

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 (Heavy Duty Umbrellas must be fixed to the ground)

Options:

- Valances
- Velcro Rain Gutter
- Screeprinting on request

Fabric Types:

100% Acrylic Outdoor Awning Fabric

Large Colour Selection - Over 17
Options 100% UV Blockout - UV
Reflective Water Resistant

Scotch Guarded

Mould & Mildew Resistant

10 Year Fade Guarantee

Ferrari 502 PVC Coated

Polyester Lacquer Finished

100% UV Blockout - UV

Reflective 100% Waterproof

Mould and Mildew Resistant

Fade Resistant

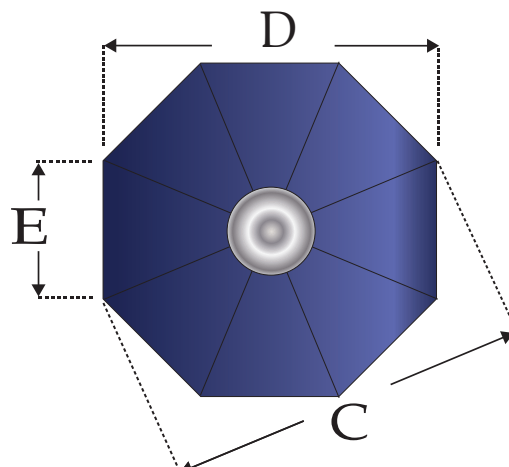
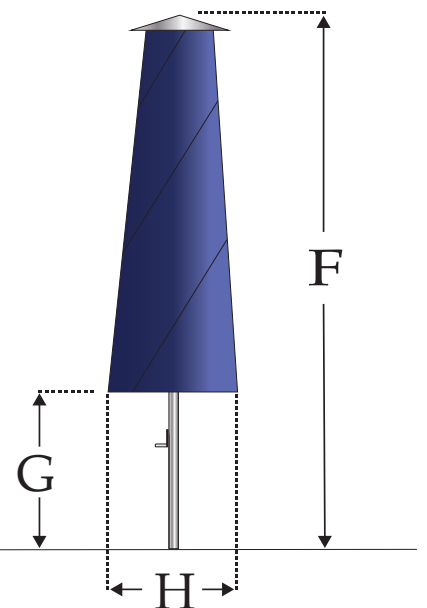
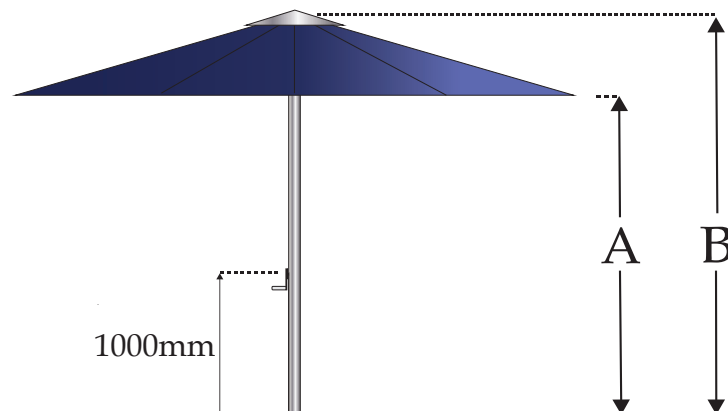




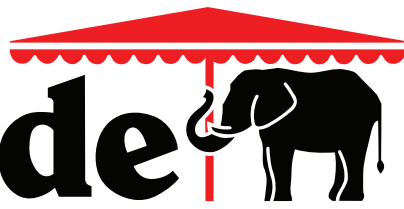
Heavy Duty Octagonal Umbrella Dimensions

Size	A	B	C	D	E	F	G	H
3.5 m	2300	2850	3500	3200	1350	3650	1800	400
4.0 m	2300	2950	4000	3700	1500	3750	1650	400
4.5 m	2300	3000	4500	4150	1750	3900	1500	450
5.0 m	2400	3250	5000	4550	1900	4050	1450	450
5.5 m	2350	3200	5500	5100	2100	4100	1200	500
6.0 m	2400	3250	6000	5460	2300	4150	1050	500

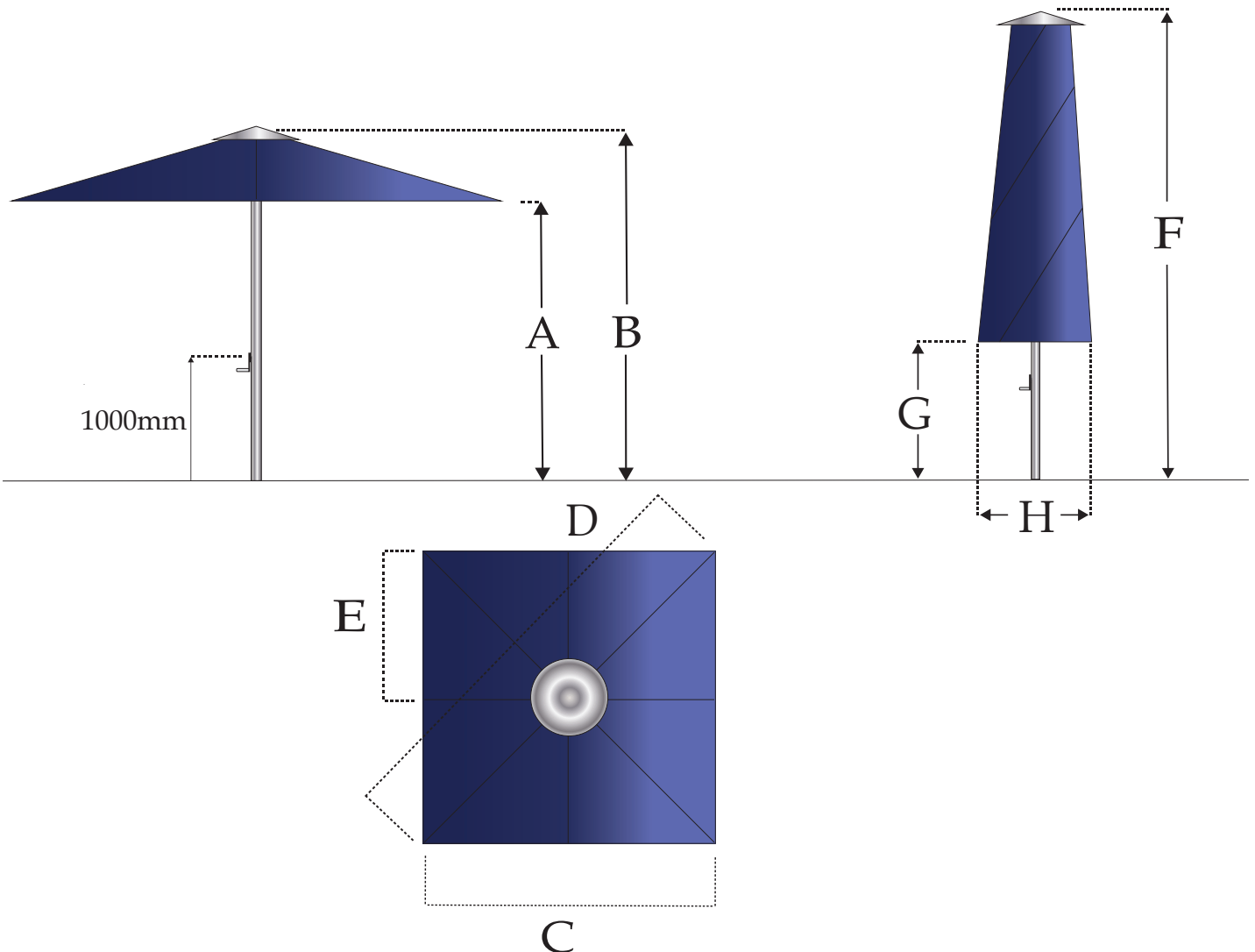
NB: To be used as a guide only, all measurements are approximate and taken in millimeters.



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Size	A	B	C	D	E	F	G	H
2.5 m	2350	2850	2500	3550	1250	3600	1750	400
2.8 m	2300	2850	2830	4050	1415	3600	1550	400
2.9 m	2250	2850	2960	4200	1480	3600	1450	400
3.0 m	2250	2900	3060	4350	1530	3600	1350	400
3.6m	2300	2950	3670	5100	1835	3700	1050	450
4.0m	2300	3100	4000	5600	2000	4000	1100	450
4.5 m	2350	3250	4400	6200	2200	4150	900	450
4.8 m	2300	3300	4700	6600	2350	4150	700	450



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Heavy Duty Umbrella Installation Instructions

Bolt Down Installations - Fixing to Concrete:

Supplied Parts:	Recommended Fixings:	Tools Required:
a) The Base Plate (250mm x 250 mm x 12mm)	M12 x 100mm Dyna Bolts - Stainless Steel	1. M12 Concrete SDS Drill Bit
b) Umbrella Spigot	M12 Chem Set - Stainless Steel	2. SDS Drill
c) Five 3/8" x 1" Bolts	M12 Screw Bolt - Galvanized	3. Post Level
d) Five 3/8" Spring Washers		4. Dust Extraction
e) Two 1/2" Grub Screws	Minimum Concrete Thickness:	5. Spanner/Socket Set
f) One 1/4" Allen Key	Reinforced concrete slab 100mm thick.	6. Cordless Drill
g) One M8 x 90 mm Stainless Bolt & Nylock Nut	PPE Required:	7. Tape Measure
h) Umbrella Hat	Dust mask, Safety Glasses, Hearing	8. 8mm Cobalt Drill Bit
i) Umbrella Handle	Protection, Gloves	9. 9/16" Spanner
		10. 1 box M12 Flat Washer

1. Bolt the spigot to the base plate using the 3/8" x 1" bolts and spring washers supplied using the 9/16" spanner.
2. Slide the spigot and the attached base up inside the umbrella post and lock in place using the Allen Key with the two supplied 1/2" Grub Screws
3. Attach the Hat to the umbrella using the threaded hole at the top of the umbrella with the 9/16" Spanner. Once the Hat is attached, do not lay umbrella down as to not damage the hat.
4. Stand the umbrella in approximate location using 3 people. Have one person on the base end and two people on the canopy end, carry the umbrella to the approximate position and rest the base on the ground while two people hold the umbrella up. Have someone hold the base so it does not slip whilst two people push the umbrella vertical. Open the umbrella by removing the strap, attaching the handle and pushing all 8 arms out. Tighten the umbrella and lock in place. Have a few people hold the umbrella and measure to final position.
5. Using the post level, ensure the umbrella is plumb. Use M12 Stainless Steel Flat Washers under the fixing holes to level the base plate if required. The fixing bolts will be able to pass through the washers and hold the packing in place.
6. Use the base plate as a template and drill through the base fixing holes to the required depth of your concrete fixings. Ensure to use correct dust extraction techniques.
7. Fix the umbrella down using dyna bolts or similar and cap with dome nuts.
8. Loosen the 1/2" grub screws and rotate umbrella to desired orientation. Lock grub screws again with Allen Key.
9. Locate the 8mm hole in the umbrella post 50mm up from the bottom of the post.
10. Using the 8mm cobalt drill bit, drill through the spigot from one side of the umbrella, then drill through the other side of the umbrella then run the drill through both holes.
11. Secure the umbrella to the spigot with the M8 x 90 mm bolt and Nylock nut.
12. Check Spigot bolts are tight.
13. Tighten the umbrella and remove the handle. Enjoy your UltraShade Heavy Duty Umbrella!

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Heavy Duty Umbrella Installation Instructions

Bolt Down Installation – Fixing to Timber Deck:

Supplied Parts:	Recommended Fixings:	Tools and Hardware Required:
<ul style="list-style-type: none">a) The Base Plateb) Umbrella Spigotc) Five 3/8" x 1" Boltsd) Five 3/8" Spring Washerse) Two 1/2" Grub Screwsf) One 1/4" Allen Keyg) One M8 x 90 mm Stainless Bolt & Nylock Nuth) Umbrella Hati) Umbrella Handle	<p>M12 x 130mm Hex Head Bolts - Stainless Steel</p> <p>M12 x 150mm Head Bolts - Stainless Steel</p> <p>M12 Stainless Steel Nuts</p> <p>PPE Required:</p> <p>Dust mask, Safety Glasses, Hearing Protection, Gloves</p>	<ul style="list-style-type: none">1. M12 Long Series Drill Bit2. M5 Long Series Drill Bit,3. Cordless Drill4. Impact Driver5. Post Level6. Dust Extraction7. Spanner/Socket Set8. Tape Measure9. 8mm Cobalt Drill Bit10. 9/16" Spanner11. 1 box M12 S/S Flat Washer12. 75mm or 100mm Batton Screws13. Length of 75mm x 100mm hardwood.

1. Bolt the spigot to the base plate using the 3/8" x 1" bolts and spring washers supplied using the 9/16" spanner.
2. Locate the final position of the umbrella. It is ideal to have the base fit between two joists rather than sitting over the top of a joist.
3. With the base in its final position and orientation, use the base as a template and drill through your decking boards through the base fixing holes with a M12 drill. This marks where you will need to reinforce the deck.
4. Get under the deck and measure the distance between your joists and cut two lengths of 75 x 100mm hardwood to those lengths.
5. Ensure the centre of the hardwood aligns with the holes drilled through the decking boards and pre-drill the joists and hardwood with a 5mm drill and fix to the joists using 75mm or 100mm batten screws.
6. From the top of the deck, drill through the hardwood reinforcing with the M12 drill bit.
7. Slide the spigot and the attached base up inside the umbrella post and lock in place using the Allen Key with the two supplied 1/2" Grub Screws.
8. Stand the umbrella in approximate location using 3 people. Have one person on the base end and two people on the canopy end, carry the umbrella to the approximate position and rest the base on the ground while two people hold the umbrella up. Have someone hold the base so it does not slip whilst two people push the umbrella vertical. Open the umbrella by removing the strap, attaching the handle and pushing all 8 arms out. Tighten the umbrella and lock open. Have a few people hold the umbrella and align the base to 12mm holes in the deck.
9. Using the post level, ensure the umbrella is plumb. Use M12 Stainless Steel Flat Washers under the fixing holes to level the base plate if required. The fixing bolts will be able to pass through the washers and hold the packing in place.
10. Insert the M12 Bolts into the base and through the holes in the deck and reinforcing hardwood.
11. From underneath the deck, fix the bolts down with a M12 washer and nut.
12. Loosen the 1/2" grub screws and rotate umbrella to desired orientation. Lock grub screws again with Allen Key.
13. Locate the 8mm hole in the umbrella post 50mm up from the bottom of the post.
14. Using the 8mm cobalt drill bit, drill through the spigot from one side of the umbrella, then drill through the other side of the umbrella then run the drill through both holes.
15. Secure the umbrella to the spigot with the M8 x 90 mm bolt and Nylock nut.
16. Check Spigot bolts are tight.
17. Tighten the umbrella and remove the handle. Enjoy your UltraShade Heavy Duty Umbrella!

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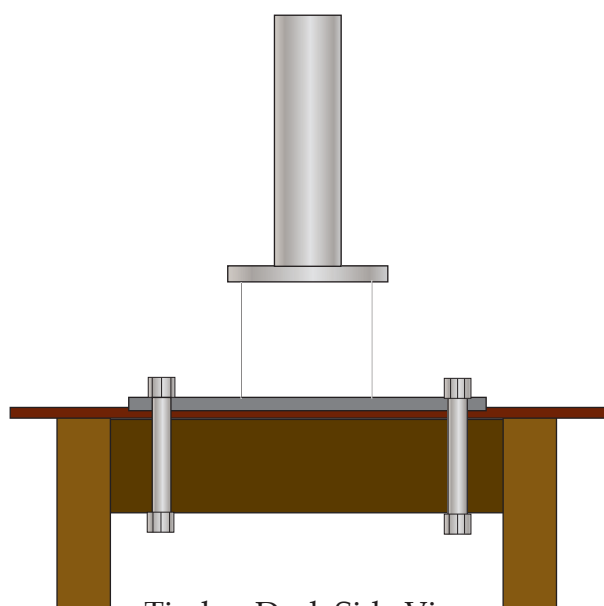
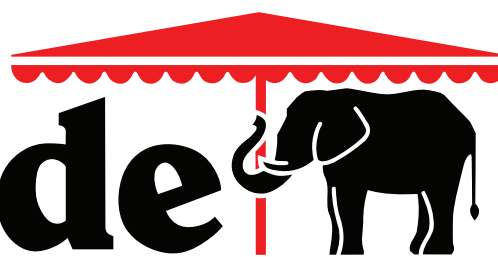
Heavy Duty Umbrella Installation Instructions

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

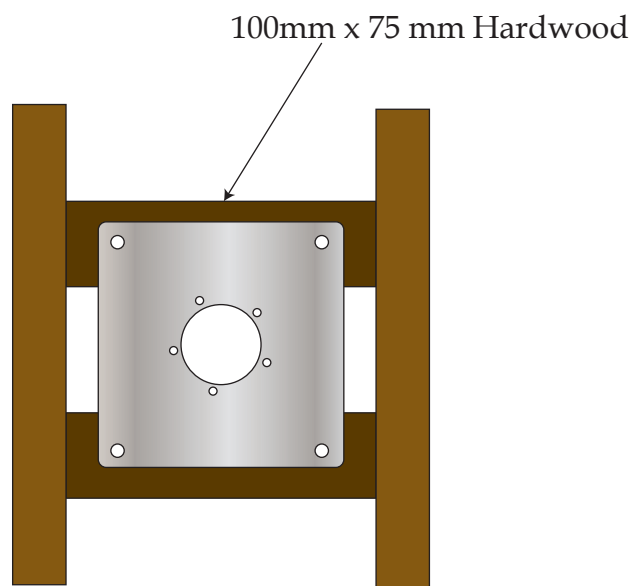
Supplied Parts:	Recommended Fixings:	Tools and Hardware Required:
<ul style="list-style-type: none">a) The In-ground Baseb) Umbrella Spigotc) Five 3/8" x 1" Boltsd) Five 3/8" Spring Washerse) Two 1/2" Grub Screwsf) One 1/4 " Allen Keyg) One M8 x 90 mm Stainless Bolt & Nylock Nuth) Umbrella Hati) Umbrella Handle	<p>4 x 20 KG Bag Structural Concrete Premix (Rapid set is strongly discouraged)</p> <p>PPE Required: Dust mask, Safety Glasses, Hearing Protection, Gloves</p>	<ul style="list-style-type: none">1. Post Hole Shovel2. Spade3. Crowbar or Jackhammer4. Wheelbarrow5. Cordless Drill6. Post Level7. Hose8. Spanner/Socket Set9. Tape Measure10. 8mm Cobalt Drill Bit11. 9/16" Spanner

1. Bolt the Spigot to the In-ground base using the 3/8" x 1" Bolts and 3/8" Spring Washers and the 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.
3. Mix the required concrete and fill the hole until the level of the concrete is approximately 50mm below the ground level.
4. Insert the in-ground base into the concrete. The underside of the base flange should be **at least 12mm above** ground level.
5. Using a post level, ensure the spigot is plumb while the concrete goes off.
6. UltraShade recommend leaving the concrete for 5 - 7 days to cure.
7. Remove the spigot from the in-ground base and insert into umbrella pole and lock in place with the two 1/2" grub screws and Allen key.
8. Attach the Hat to the umbrella using the threaded hole at the top of the umbrella with the 9/16" Spanner. Once the Hat is attached, do not lay umbrella down as to not damage the hat.
9. Stand the umbrella using 3 people. Have one person on the base/spigot end and two people on the canopy end, carry the umbrella to the in-ground base and rest the flange of the spigot on the in-ground base. Have someone hold the spigot down so it does not slip whilst two people push the umbrella vertical. Align the spigot holes with the base holes and secure the umbrella with the 3/8" x 1" Bolts and spring washers. Open the umbrella by removing the strap, attaching the handle and pushing all 8 arms out. Tighten the umbrella and lock open.
10. Loosen the 1/2" grub screws and rotate umbrella to desired orientation. Lock grub screws again with Allen Key.
11. Locate the 8mm hole in the umbrella post 50mm up from the bottom of the post.
12. Using the 8mm cobalt drill bit, drill through the spigot from one side of the umbrella, then drill through the other side of the umbrella then run the drill through both holes.
13. Secure the umbrella to the spigot with the M8 x 90 mm bolt and Nylock nut.
14. Check the spigot bolts are tight.
15. Tighten the umbrella and remove the handle. Enjoy your UltraShade Heavy Duty Umbrella!

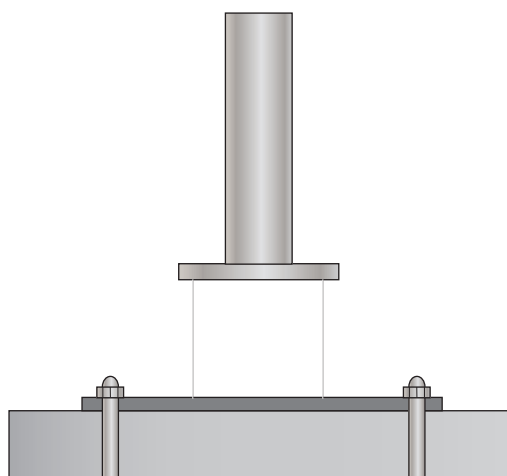
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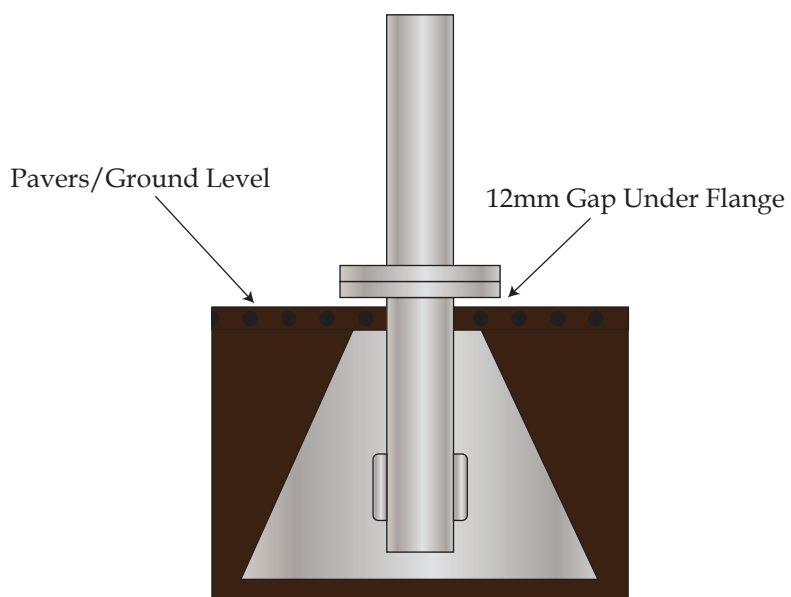
Timber Deck Side View



Timber Deck Plan View



Bolt Down Base on Concrete



Inground Base

Footing Size:
Approximately 400mm x 600 mm



Heavy Duty Umbrella

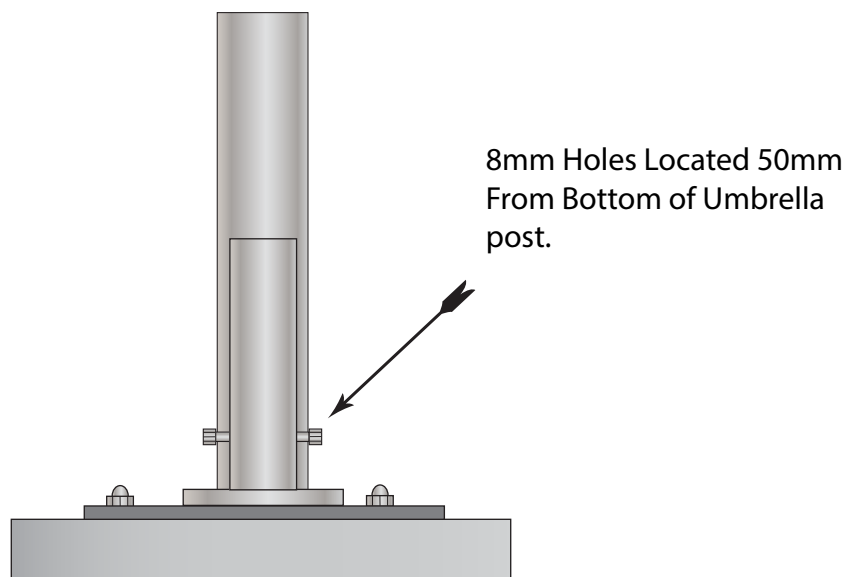
LOCKING BOLT INSTALLATION INFORMATION

To ensure the umbrella remains secure and does not turn or lift off the spigot installation of the locking bolt is required:

Locate the 8mm holes in the umbrella post, 50mm from the bottom. Then use an 8mm drill bit to drill through the umbrella post then through the spigot. Drill through one side of the post, then drill through the opposite side, then pass the drill bit through both holes to ensure a bolt can pass through.

Once the holes have been drilled, secure the umbrella to the spigot by passing the supplied M8 x 90mm Bolt through the drilled holes and secure it with the provided M8 Nut using two 13mm Spanners.

NB: If this precaution is not taken when first installing the umbrella it could cause damage or injury due to turning or lifting off the spigot.





How to Open and Close Your UltraShade Heavy Duty Umbrella

To Open:

1. While lightly holding one arm out as far as possible, gently push all of the remaining 7 umbrella arms out from the main post.
2. The umbrella should unfold mostly by itself. If it fails to open, at least one of the arms will be in the over locked position.
3. Bolt the handle to the round stainless-steel axle and wind it up.
4. Open the umbrella until the canopy is taut.
5. Secure the umbrella by placing the locking pin into the round stainless-steel axle and into the post.
6. Store the handle in a safe place.
7. Ensure that the canopy is taut to prevent damage from stress fracturing due to flapping.

To Close:

1. Attach the handle to the round stainless-steel axle.
2. Release the pressure on the locking pin by using your body weight to turn the umbrella in a clock-wise direction.
3. Remove the locking pin from the axle and main post.
4. Wind the umbrella down with the handle in an anti-clockwise direction.
5. Ensure that all the canopy material is not jammed between the arms and arm brackets or between the arms and the bottom casting, 600mm from the top of the main pole, and push the arms into the main post. Failure to remove the fabric from the pinch points will result in damage to the canopy and will not be covered under warranty.
6. Wrap all the canopy material around the umbrella in the same way you would for a handheld rain umbrella.
7. Secure it with the provided strap.
8. Store the handle in a safe place. Note: It's important to secure the panels with the strap provided to prevent damage to the canopy, which is not covered by our warranty. If the umbrella is left in the down position for more than 24 hours, wind may cause flapping of the panels, which could result in fabric stress fracturing. This damage is not covered under warranty.

You can find an instructional video at:

www.youtube.com/ultrashadeumbrellas

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How to remove and replace an UltraShade Heavy Duty Umbrella Canopy

To remove the canopy:

Leave the umbrella erected, remove, and replace the canopy while the umbrella is standing.

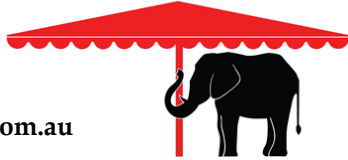
- Wind the umbrella down so the ends of the arms are about eye height.
- Undo the 8 bolts on the arms. Using a ½ inch or 13mm Spanner and set aside with the spring washers.
- Open the umbrella again and then wind closed by about 2 turns- that is to relieve the pressure on the top straps. Secure the axle with the pin.
- Place an 8-foot step ladder next to the post, climb up the ladder with a 9/16 inch or 14mm spanner.
- Undo the camlock buckles, and then pull the top straps out of the buckles and arms.
- At this stage, if any of the plastic cam buckles are broken, replace them by drilling out the 5/32" pop rivets and using a rivet gun, secure the supplied new buckles with the supplied new 5/32" rivets.
- Push the canopy up out of the way so you can access the hat bolt, remove the hat with the 9/16" or 14mm Spanner. (it's a good idea to clean the hat while it's not attached)
- Push the canopy over the apex of the umbrella, so when you wind it down, the canopy slides off the frame.
- Climb down from the ladder and move it out of the way – wind the umbrella down and the canopy will slide off.

To replace the canopy:

- Open the umbrella.
- Close by about 1 - 2 turns, this allows you to put the straps over the arms and through the brackets.
- Climb up the ladder with the canopy and place the central hole in the canopy over the apex. Ensure you align the canopy with the correct arms.
- Spread the canopy out a little bit and put the straps over the arms, through the bracket and through the camlock buckles and leave them quite loose.
- Replace and bolt the hat on now.
- Climb down – remove your ladder and wind the umbrella down.
- Pull all the fabric down and align the canopy with the appropriate arm with one of the top straps that pass through a buckle.
- Open the umbrella to about eye height and bolt the end straps to the umbrella arms.
- Open the umbrella as per the open and close instructions.
- Climb back up the ladder and open camlock buckles. Pull the straps through and pull tight and clip up.

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FABRIC CARE INSTRUCTIONS

Congratulations on your new umbrella! To prolong the life of your umbrella canopy, it is important to care for it properly. Regular cleaning and re treatment of the fabric will keep it looking great and extend its life. Here are some tips for caring for canvas and acrylic fabrics:

For new canvas installations, erect the umbrella fully and leave it erected for 2 to 4 days to allow the canvas to condition.

Ensure the canopy is thoroughly dry before closing it away to avoid encouraging algae, mildew, or other fungal growth.

Brush the fabric regularly with a soft brush and hose it down occasionally with clear, cold water to remove dust and grime. Do not let dirt, dust, grime, leaf litter, or bird matter remain on the fabric.

Cleaning Acrylic Fabrics:

Brush off any loose dirt and hose down the fabric.

Clean the fabric with a mild soap in lukewarm water (37°C). Rinse thoroughly and do not use detergents.

For more stubborn stains, soak the fabric for approximately 20 minutes in a solution of no more than 1/2 cup of non-chlorine bleach and 1/4 cup natural soap per 4 liters of water at approximately 30-35°C. Rinse thoroughly in cold water to remove all the soap.

Allow the fabric to air dry and apply an air-curing re-treatment to restore water repellent.

To aid in the care of your fabric awnings and blinds, we recommend using Brellaguard 303 Fabric Cleaner for acrylic fabrics. For restoring water repellent to acrylic fabric products, use 303 Fabric Guard Water Repellent for all woven fabrics.

To clean PVC fabrics, used in some outdoor umbrellas, follow these steps:

1 Remove any loose dirt or debris from the fabric surface using a soft brush or a dry cloth.

Prepare a cleaning solution by mixing warm water with a mild detergent. Use a non-abrasive and non-solvent cleaner.

Apply the cleaning solution to the fabric surface using a soft brush or sponge, working in a circular motion. Avoid using abrasive brushes or pads, as these can damage the fabric.

Rinse the fabric thoroughly with clean water, using a garden hose or a bucket of clean water.

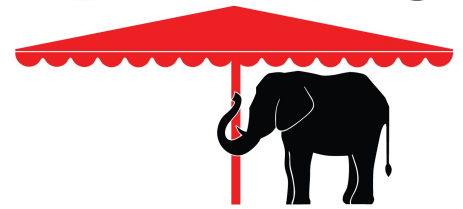
Wipe off excess water from the fabric using a dry cloth, and allow the fabric to air dry completely before storing or using again.

For stubborn stains or marks, you may need to use a specialized cleaner recommended by the manufacturer. Be sure to follow the instructions carefully and test the cleaner on a small, inconspicuous area of the fabric first to ensure that it doesn't cause damage or discoloration.

If you have any questions about caring for your umbrella canopy, speak with one of our friendly customer service staff.

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HEAVY DUTY UMBRELLA WARRANTY

Aluminum Frames are covered by a 5 Year structural 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 manufactures and workmanship warranty. Warranty specifically excludes; stains, mildew and 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 only valid if the Locking pin is installed correctly and both pin and strap are used correctly at all times whilst the umbrella is erected and collapsed. Umbrella should not be closed for more than a 24 hour period.
6. This warranty is valid only if the canopy has been kept clean and free of dust/debris with regular hosing as this will help prolong the life of the canopy.
7. This warranty is only valid if the umbrella is put up and collapsed as detailed in the Technical information.
8. The cost of transportation and insurance both ways for any repair to the UltraShade Umbrella is to be paid by the claimant.
9. 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.
10. UltraShade reserves the right to determine whether or not fault is caused by faulty workmanship or material or any other part is defective.
11. 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.