

Ellipse Monobloc Installation Guide

Practical guide for wall-face, soffit/top-fix and custom L-bracket installations.

IMPORTANT: Retractable awnings are heavy and create significant loads at the fixing points. Incorrect installation can cause injury or product failure. Use suitable structural fixings and competent installers where required.

Tools + preparation

- Socket/ring spanners and Allen keys.
- Drill and drill bits suitable for the structure.
- Ladder/access equipment, hammer, tape measure, pencil, level and string line.
- Suitable structural fasteners; silicone/sealant where required.
- At least two capable people for lifting the awning into position.

Before lifting

- Confirm the ordered width, projection, control side and mounting type.
- Confirm all supplied parts are present.
- Assess the mounting structure and ensure there is sufficient structure to support the awning.
- Identify the folding-arm bracket positions on the square bar before marking mounting brackets.
- Keep arm packaging/restraints in place until the awning is mounted and all nuts/bolts have been checked and tightened.

Mounting brackets

Wall face

- Position face-fix brackets level with one another. A string line is useful over wider awnings.
- Keep bracket positions clear of the folding-arm brackets on the awning square bar.
- Mark and drill the structure for fasteners appropriate to the substrate.
- Secure and fully tighten all brackets before lifting the awning.

Soffit / undermount

- Install soffit/top-fix brackets square and in line with each other.
- Confirm there is suitable structural material above the soffit; do not rely on lining/cladding alone.
- Mark, drill and fasten using suitable structural fasteners.

Custom 600 x 400 mm L-brackets

- Use the L-brackets where the awning needs to sit forward of a gutter while fixing back to suitable soffit structure.
- Set every L-bracket level, square and in line before mounting the awning brackets to the vertical leg.
- Structural fixing into the soffit/roof structure must suit the actual building condition.

Fit + test the awning

- Lift the awning into position and locate the monobloc square bar in the brackets.
- Install and fully tighten the retaining hardware.
- Only after the awning is securely mounted, remove the arm restraints/packaging.
- Extend the awning slowly and confirm the canvas rolls over the top of the roller tube and both arms move freely.
- Check the front/fall bar is level. If adjustable pitch is fitted, make small even adjustments using the gearbox in each arm.
- Retract and extend the awning again and confirm smooth, level operation.

Manual awnings: the canvas must always roll over the top of the roller tube. If it begins rolling underneath, the awning has been wound past full extension. Stop and reverse the crank direction before continuing.

Motorised awnings

Dooya and Somfy motors are supplied with the selected remote. Fixed mains electrical connection is arranged separately.

- Set the outer/open limit before the arm elbows are forced into an over-extended position.
- Set the inner/closed limit before the front bar or arms contact the roller/frame.
- If Dooya manual override is selected, it is available on the right-hand control side only.
- Avoid repeatedly cycling the motor during programming; allow it to cool if thermal protection operates.
- Pair and test any motion sensor after the motor limits are confirmed. The sensor is an additional safeguard only.

Final checks

- Check and tighten all nuts, bolts and retaining hardware.
- Clean installation marks, dirt and grease from the frame.
- Test the awning through a complete open/close cycle.
- Confirm the front/fall bar remains level.
- Confirm motor limits and any sensor operate correctly.
- Retract the awning in strong winds and severe weather.
- Do not use the awning as a permanent rain roof.

If you have any doubt about the mounting structure or installation, contact The Outdoor Shade Factory before proceeding.

Always use the components and motor instructions supplied with your order.