



Primrose Awnings Half Cassette Manual & Electric Instructions

Contents

Contents for 2m, 2.5m, 3m Awnings

2 x wall brackets □
4 x expansion bolts (2 per bracket)**
1 x Awning

Contents for 3.5m, 4m and 4.5m Awnings

3 x wall brackets □
6 x expansion bolts (2 per bracket)**
1 x Awning

Additional Contents for Electric Awnings

1 x remote control receiver box
2 x remote hand-held zappers
1 x 5m electrical wire (3 core) to connect the remote receiver box to the mains □

**The expansion bolts supplied are for reinforced concrete or brick walls
The awnings may be installed on wooden walls if the wall is sufficiently strong.
Use appropriate screw-threaded or coach bolts.

Tools recommended □

- Hammer drill □
- 14mm masonry drill bit □
- Chalk or pencil to mark □
- Laser level or long spirit level □
- Metric socket spanner set
- Adjustable spanner

WARNING

We recommend that two people are required to lift the awning into place.

You may wish to consult a qualified electrician before installing electrical awnings.

The awning and frame may be supplied with a plastic wrapper. This should be removed prior to use.

Plastic bags can be dangerous to children and babies. Keep out of the reach of babies and children to avoid the risk of suffocation.

STEP 1: Determine position on the wall and mark up

Height of awning

The recommended height from the ground is 2.5m-3.5m. If you wish to install lower than this, determine whether there is sufficient headroom when the awning is fully extended and that any doors can open:

Required headroom

- Allow 20cm above any door frame and check that when opened the door will not interfere with the awning.
- As a guideline, the awning has a drop of 30 cm (2m projection) to 45cm (2.5m projection) at a slope of 10 degrees below the horizontal.

The recommended slope is factory pre-set. This can be adjusted with a spanner any time after fitting: from almost horizontal to approx 30 degrees below the horizontal.

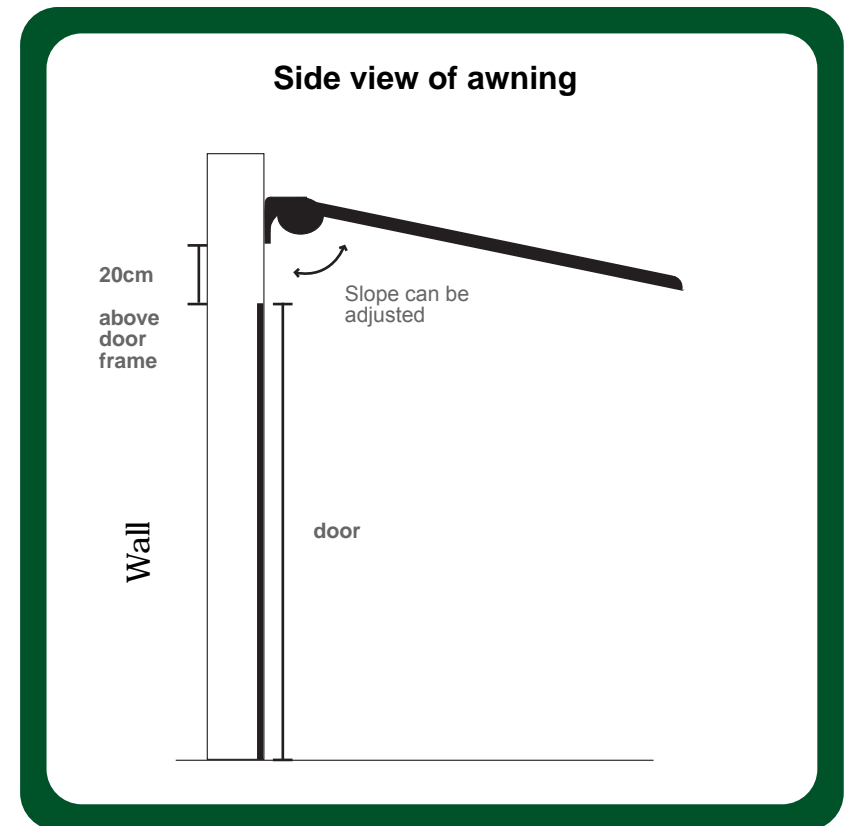
Horizontal positioning of brackets:

Using laser, spirit level or other method, mark an accurate horizontal line at the required height. Fixing must be directly into brick or concrete. Mortar joints between the bricks or blocks will not be secure enough to bolt into.

Half cassette and electrical awnings

The bracket positions of Half cassette awnings are factory pre-set: the left-to-right positions of the brackets in relation to the awning can only be adjusted a few mm in either direction.

(If this is a problem, our Standard Manual awnings have more flexibility as to the left-right positioning of the brackets)



STEP 2: Drill holes

Use a hammer-action electric drill with a 14 mm bit.
Drill 100mm holes into brick or concrete wall in exact position chosen for wall brackets.
Insert an expansion bolt into the drilled hole.

STEP 3: Attach the brackets

Remove the nut and one of the washers from the expansion bolts that are now on the walls.

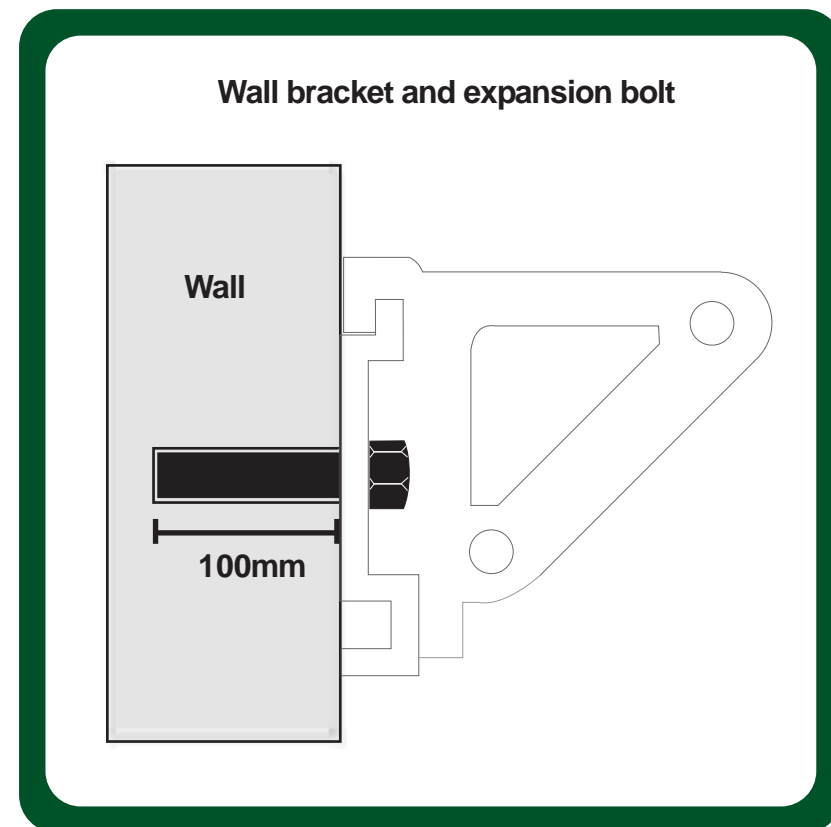
Fit bracket into place over wall bolt. Replace the washer and nut and tighten with a socket spanner. Ensure the bracket is tight against wall before fitting the awning as the weight of the awning could pull the brackets out of the wall.

STEP 4: Fitting the awning

Because the awning is heavy, we recommend 2 step ladders and two people.
Lift the awning unit into place on the wall brackets.

Fix the retaining bolts through the wall brackets to secure the awning unit in place.
Fit the nut onto the bolt and tighten.

Check that both the wall bracket and the retaining bolts are tightened securely.



STEP 5: Wiring the electrics (THIS STEP APPLIES TO ELECTRIC AWNINGS ONLY)

Our awnings can either be plugged into the mains socket, or they can be wired into the mains. The following summarises how the wiring works for the Remote Control Kit and also the Indoor Wall Switch.

A. Remote Control Kit:

Electrical components:

- 1 x Receiving box
- 2 x Handheld Transmitters
- 1 x 5m electrical wire (3 core) to connect the receiver box to the mains

If you've purchased a wind, sun and rain sensor please refer to the instructions included with the sensor and discard the illustrations on the right.

We recommend the electrical connections for the awning are fitted by a qualified electrician.

The remote control receiver box should be positioned indoors or within a waterproof box.

1. Connect the 4 core cable from the awning to the main receiver box (LREN)
2. Connect the 3 core cable (Mains) to the receiver box (LNE). The 3 core cable from the remote receiver box can now be wired into the appropriate 230-240V-power supply complying with any relevant regulations.

Please refer to figures 1 and 2.

Figure 1

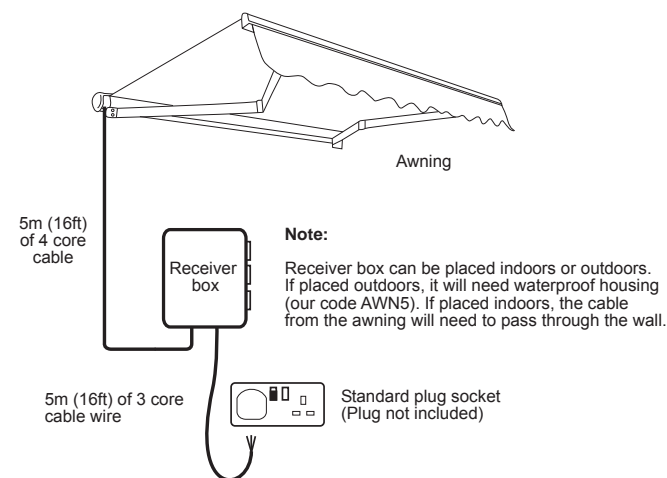
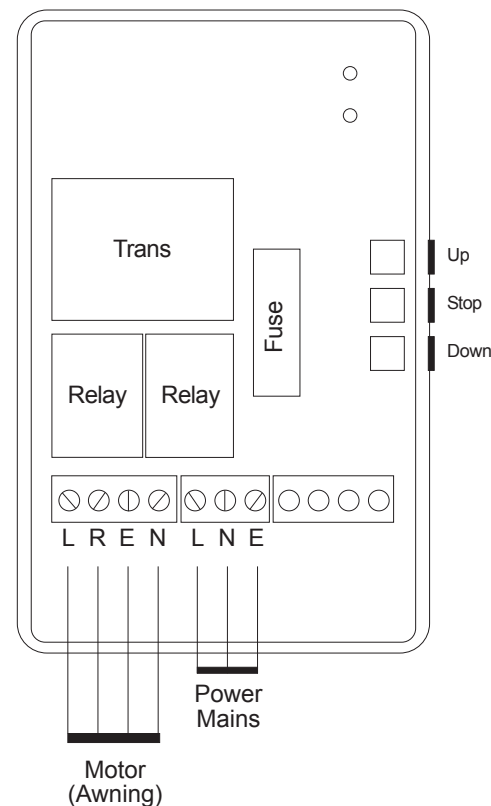


Figure 2



Connections:

Motor (Awning) wires:

- L= Direction #1 (Brown)
- R= Direction #2 (Black)
- E= Earth (Green & Yellow)
- N= Neutral (Blue)

Power Mains:

- L= AC Live (Brown)
- R= AC Neutral (Blue)
- E= AC Earth (Green & Yellow)

B. Indoor Wall Switch (wired to mains):

Electrical components:

1 x Wall Switch

The awnings have **5 metres** of **4 core cables** coming out of them. The cable contains two separate circuits- one circuit for opening the awning and one for retracting it.

The **4 core cable** from the awning must be connected to the wall switch, which you fix onto the wall. You then run a standard mains cable (known as 3 core cable) from the wall switch to an **INDOOR** mains socket. Please refer to Fig. 3

C. Indoor Wall Switch (plugged into socket):

Electrical components:

1 x Wall Switch

Alternatively you can wire the indoor wall switch directly into the mains.

We recommend the electrical connections for the awning are fitted by a qualified electrician.

NOTE:

Since we don't know how much 3 core cable you will need, we do not include it with the awning- you can purchase it from us or from any DIY store.

Also note that you will need to drill a hole through the wall or find some other way of feeding the wires from the outdoor awning to the indoor wall switch.

STEP 6: Ensure the awning is level when fully extended.

The built-in spirit level in the front bar will show you if the front bar is level. The air bubble should be precisely in the centre. If the awning is not level when fully extended, adjust the slope of one arm - see Adjusting the Slope (below).

Although level when fully extended, the awning may not be perfectly level when fully retracted – this is normal.

Figure 3

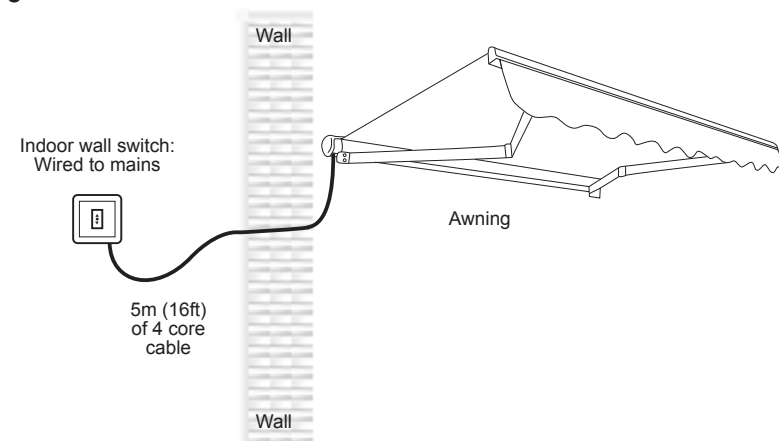
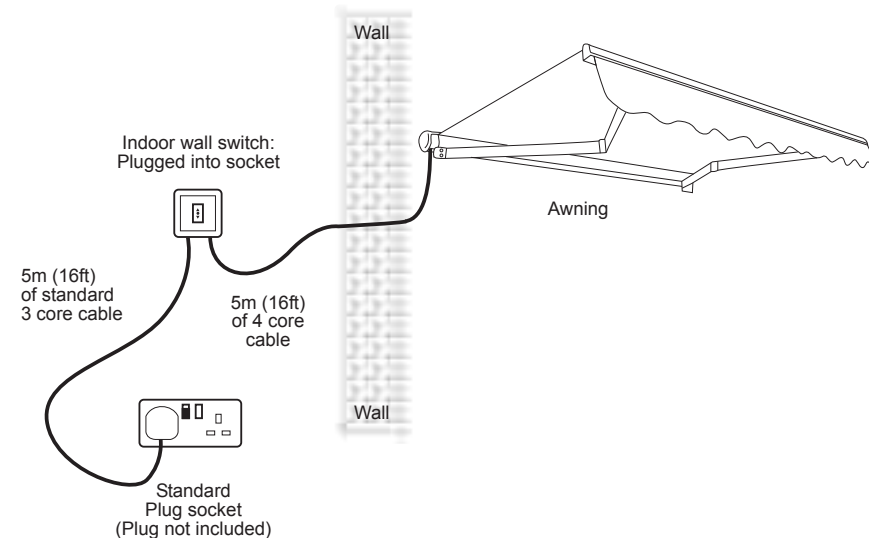


Figure 4



Adjusting the slope (if required)

The optimum slope angle (approx 10 degrees from the horizontal) is pre-set at the factory.

It can be adjusted by loosening the 17mm locking nuts on both sides of the arms and then turning the 13mm jack bolts to the desired angle. Check the built-in spirit level in the middle on the front bar of the awning. Damage could result if the front bar isn't horizontal. Securely tighten the 17mm bolts.

STEP 7: Can I control how far out the awning opens?

Manual awnings

With the manual awnings, you can control the position of the awning by simply winding out as far you want to go. The awning will hold at whichever position you wind to.

Electric awnings

The electric awning will stop automatically at the pre-set maximum extension. It will also stop automatically when fully retracted. If you wish, you can position the awning at any point between maximum extension and fully retracted by pressing the stop button while the awning is extending or retracting.

Adjusting the pre-set maximum extension and fully-retracted positions.

On the left hand end of the rotating barrel are two small hexagonal bolts marked by directional plus and minus signs. Rotate these bolts gently with a hexagonal key to change the maximum extension and full-retraction points.

1. Fully-retracted point. Take care not to set this to over-retract otherwise the awning may be damaged. Rotating towards the negative will reduce the amount that the awning retracts. If you wish to set the awning so that it retracts further, we recommend that you fully retract the awning with the current setting allowing the motor to turn off automatically. Then turn the hexagonal key and one quarter turn at a time towards the positive. This should cause the front bar automatically to move in a small amount to the new setting, enabling you to fine tune without risking damage to the awning due to over retraction.

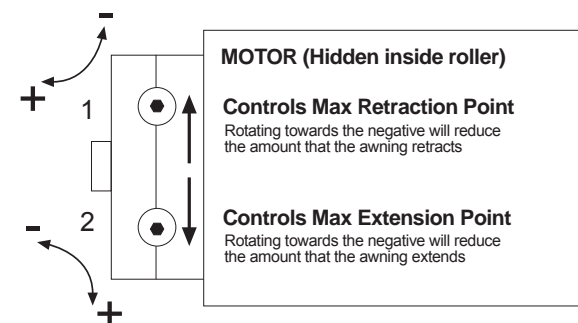
2. Fully-projected point

General Care & Precautions

The awnings are constructed from weather resistant powder-coated metal and hard-wearing polyester fabric, and are designed to give many years of service. Stains and bird droppings etc. can easily be washed or sponged away, and should not be left for prolonged periods. The awning should always be retracted in severe weather conditions.

Guarantee

This awning is guaranteed against faulty parts and workmanship for one year from the date of delivery. Faulty parts will be replaced or exchanged within that period. The guarantee covers domestic use only.



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