

Saved from manuals.plus.

Open the live page for links to other documents and user manuals.

---

[Manuals.plus](#) /

› [AECOJOY](#) /

› AECOJOY 13'x10' Patio Awning Instruction Manual

## AECOJOY patio awning

# AECOJOY 13'x10' Retractable Patio Awning Instruction Manual

Model: Patio Awning (B0BCJ4HYR6)

Brand: AECOJOY

### PRODUCT OVERVIEW

The AECOJOY 13'x10' Retractable Patio Awning provides versatile sun shade and weather protection for outdoor spaces. Designed with durable materials and a manual crank system, it offers adjustable coverage for various applications, enhancing comfort and usability of your patio or deck.



Image: The AECOJOY 13'x10' retractable patio awning in beige, fully extended over a modern patio area, providing shade for outdoor dining and seating.

## **SAFETY INFORMATION**

- It is recommended to retract the awning in stormy weather conditions, including strong winds (above 30mph) and heavy rain, to prevent damage and extend its lifespan.
- Install the awning at a height between 8 feet and 12 feet for optimal performance and safety.
- Handle the awning with care during assembly and retraction to avoid injury or damage to the unit.
- Ensure the installation surface is reinforced concrete, brick, or a wooden wall capable of supporting the awning's weight.
- When mounting above a patio door, ensure at least 8 inches of clearance above the door frame to prevent interference with opening and closing.

## **Important Note on Armrest Assembly**

**DO NOT**

remove the safety wrap that holds the arms down until instructed. Incorrect armrest assembly can easily damage the awning. Always ensure correct direction for armrest assembly.

**PARTS LIST**

Before beginning assembly, verify all components are present and undamaged. Refer to the assembly video for a visual guide to the parts.

Your browser does not support the video tag.

Video: Official assembly video for the AECOJOY 13'x10' retractable awning, detailing all included parts and their identification.

**ASSEMBLY INSTRUCTIONS**

**Step 1: Connecting Roller Tubes**

Connect the roller tubes (A-1, A-2, A-3) using the provided screws (A-A-1). Ensure a secure fit.



Image: Illustration demonstrating the connection of the roller tubes (A-1, A-2, A-3) using screws (A-A-1) to form the main roller assembly.

**Step 2: Connecting Front Bars**

Assemble the front bars (C-1, C-2, C-3) by sliding them together and securing them with the appropriate fasteners (U, A-A-1).



Image: Visual guide for connecting the front bars (C-1, C-2, C-3) and securing them with fasteners (U, A-A-1).

### Step 3: Connecting Torsion Bars

Connect the torsion bars (B-1, B-2, B-3) with the left arm (L-1) and right arm (L-2). Pay close attention to the specified insertion distances: 5.91" between B-1 and L-1, and 3.94" between B-3 and L-2.

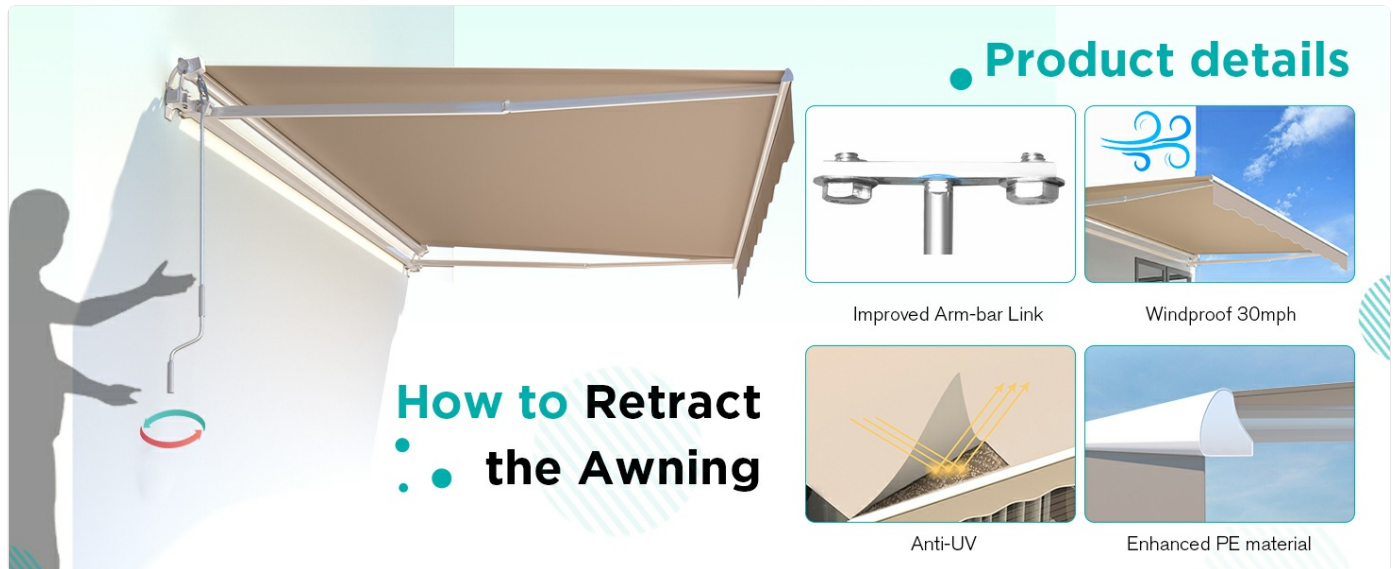


Image: Detailed diagram illustrating the assembly of torsion bars (B-1, B-2, B-3) with the left (L-1) and right (L-2) armrests, highlighting precise insertion measurements.

### Step 4: Fabric Assembly

Two adults are required for this step. The fabric (M) has a front and a back side; the back side has a hem and should face downwards. Insert the front bar (C) into the hem of the fabric (M2) and the roller (A) into the main fabric (M1).

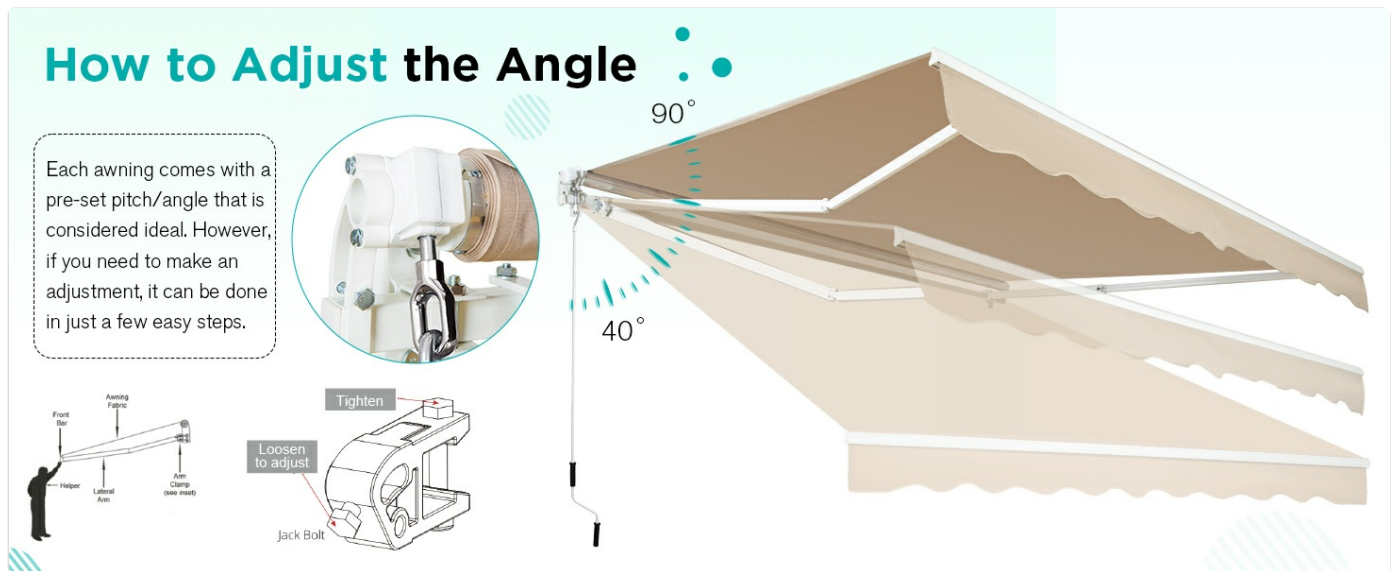


Image: Step-by-step visual guide for assembling the awning fabric onto the front bar and roller, emphasizing the correct orientation of the fabric.

### Step 5: Roller Support Assembly

Attach the roller support components (D, P, N-1, N-2, Q) to the roller and front bar assemblies. Ensure all parts are securely fastened. Do not fully tighten screw nuts (F) immediately; leave about 0.5" space for adjustment.

## About Installation Height

NOTE: It is important to take the awning's drop area into consideration before bolting your wall mounts. If you would like to mount above a patio door, for example, please leave at least **8 INCHES** above the door frame and be sure that the awning does not interfere with opening and closing the door.

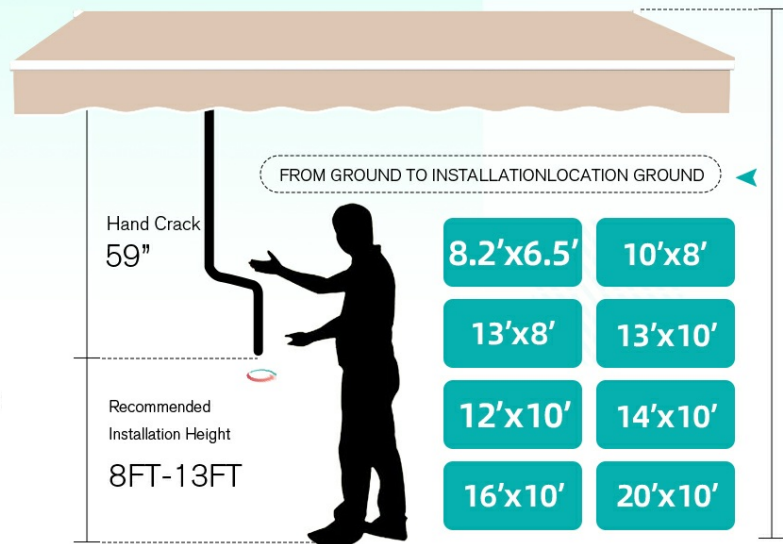


Image: Illustration detailing the assembly of the roller support components (D, P, N-1, N-2, Q) onto the awning frame, with a note on tightening the screw nuts.

## WALL MOUNTING

### Recommended Installation Height

The recommended installation height for the awning is between 8 feet and 13 feet. Ensure the mounting location is level.

## Wall Mounting

This awning can be secured to reinforced concrete, brick and wooden wall.

- ① Expansion bolt is for reinforced concrete, brick.
- ② Spare of wood is for wooden wall, recommend to drill 0.25 inch holes for it, and make the hole large if spare can not get it.

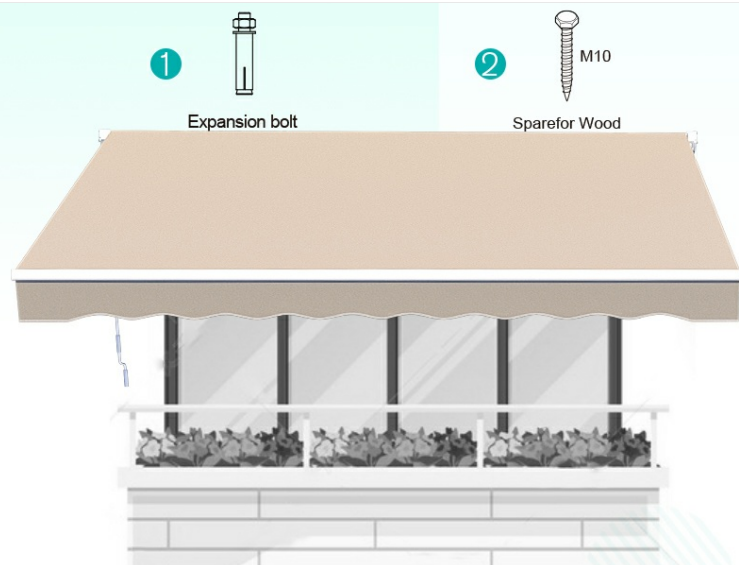


Image: Guide illustrating the recommended installation height range (8-13 feet) and the types of walls suitable for mounting (reinforced concrete, brick, wooden wall).

### Drilling and Securing Brackets

Use a 0.55" masonry drill bit to drill the first bolt hole approximately 4" deep. Expansion bolts are for reinforced concrete and brick walls. Spare wood screws are for wooden walls; drill 0.25 inch holes for them, making the hole larger if the screw cannot fit. Secure the wall brackets (3 pieces) using the appropriate bolts/screws.



Image: Close-up view of a wall bracket and an expansion bolt, used for securing the awning to a reinforced concrete or brick wall.



Image: Close-up view of a wall bracket and a spare wood screw, used for securing the awning to a wooden wall.

## Attaching Awning to Brackets

Once the wall brackets are securely installed, lift the assembled awning and carefully place it onto the brackets. Secure the awning to the brackets using the hex screws.



Image: The awning's main frame attached to a wall bracket, secured with a hex screw.

## OPERATING INSTRUCTIONS

### Manual Crank Operation

The awning features a 59-inch long manual crank handle (T) for easy retraction and extension. Insert the crank handle into the designated loop on the awning.

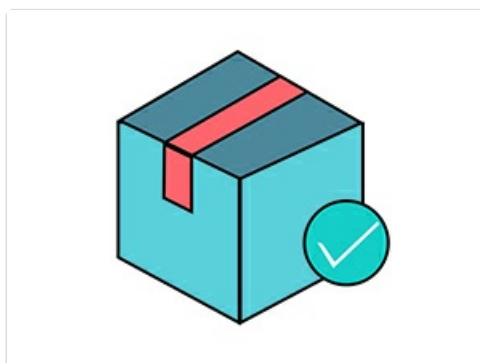


Image: The manual crank handle (T) used to extend and retract the awning.

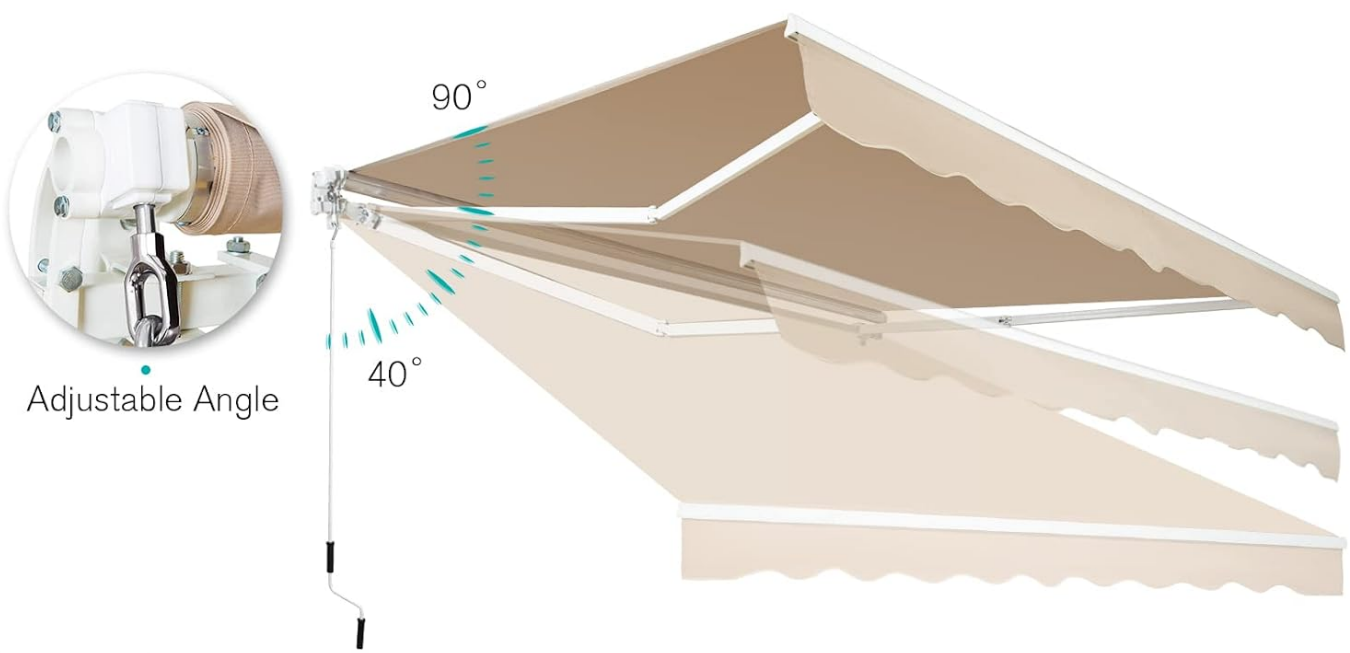
Rotate the crank clockwise to extend the awning and counter-clockwise to retract it.

### Adjusting the Angle

The awning's pitch/angle can be adjusted between 40° and 90°. This adjustment allows you to optimize shade coverage based on sun position.

**Extra Gasket Make More Stable**

**Adjustable Angle**



Adjustable Angle

90°

40°



**Easy to be adjusted in a few easy steps**

Each awning comes with a pre-set pitch/angle that is considered ideal. However, if you need to make an adjustment, it can be done in just a few easy steps.

Image: The awning's adjustable angle mechanism, allowing for pitch adjustments between 40 and 90 degrees.

### MAINTENANCE

- Regularly clean the fabric with mild soap and water. Avoid harsh chemicals or abrasive cleaners.
- Inspect the frame and moving parts periodically for any signs of wear, damage, or loose fasteners. Tighten as necessary.
- Ensure the fabric is dry before fully retracting the awning for extended periods to prevent mold and mildew.
- Lubricate moving parts, such as the arm joints and crank mechanism, annually with a silicone-based lubricant to ensure smooth operation.

- In areas with heavy snowfall, it is recommended to remove the awning fabric during winter months to prevent damage from snow accumulation.

**TROUBLESHOOTING**

| Problem                                 | Possible Cause                                         | Solution                                                                                                       |
|-----------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Awning does not extend/retract smoothly | Lack of lubrication, bent arm, or debris in mechanism. | Lubricate moving parts. Check for obstructions and clear them. Inspect arms for damage.                        |
| Fabric sags or collects water           | Insufficient pitch/angle, loose fabric.                | Adjust the awning's angle to a steeper pitch. Ensure fabric is properly tensioned.                             |
| Awning is unstable or wobbly            | Loose wall brackets or frame connections.              | Re-tighten all wall bracket bolts and frame connection screws. Ensure proper installation on a sturdy surface. |

**SPECIFICATIONS**

**Brand:** AECOJOY

**Model:** Patio Awning

**Size:** 13x10FT (156" W x 120" D)

**Color:** Beige

**Material:** Polyester, Steel

**Fabric Weight:** 280g/m³

**UV Protection:** 50 UV+

**Wind Resistance:** Up to 30mph

**Operation Mode:** Manual Crank (59" long handle)

**Adjustable Angle:** 40° - 90°

**Assembly Required:** Yes

**Item Weight:** 63.9 pounds

**WARRANTY AND SUPPORT**

AECOJOY is committed to customer satisfaction. If you have any questions regarding assembly, product quality, or require support, please contact AECOJOY customer service.

This product typically comes with a 30-day easy returns policy. For specific warranty details, please refer to your purchase documentation or contact the seller directly.

**Contact Information:** Refer to your purchase platform or the AECOJOY official website for the most up-to-date customer support contact details.



Images: Icons representing customer support and 30-day easy returns.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

---

Open the live page

<https://manuals.plus/asin/B0BCJ4HYR6>

More documents and user manuals: <https://manuals.plus/>