



Sable Frame B2 Series Fixed Frame Projection Screen

User's Guide—E Type (V1.1)

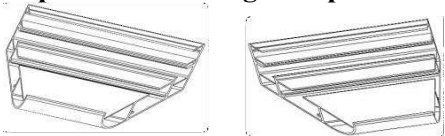
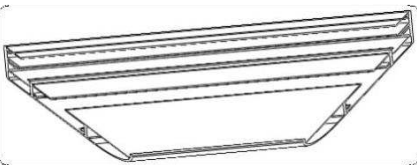
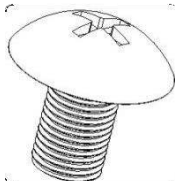
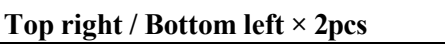
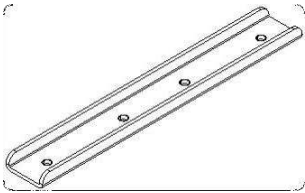
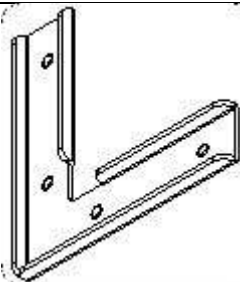
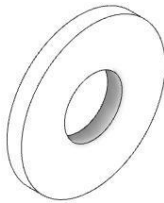
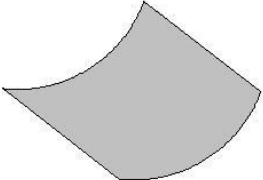
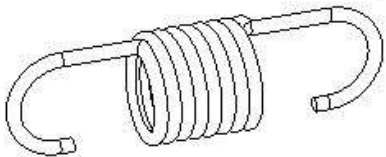
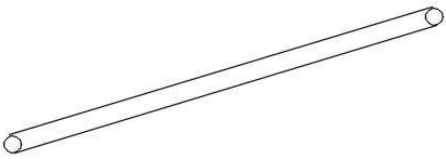
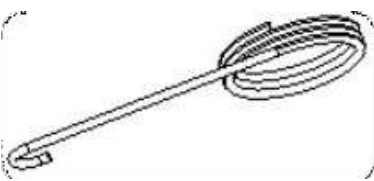
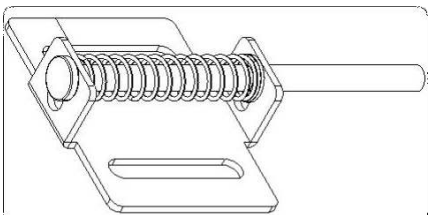
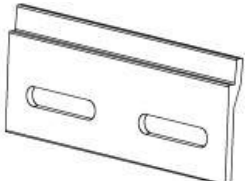
(Spring Installation Type)

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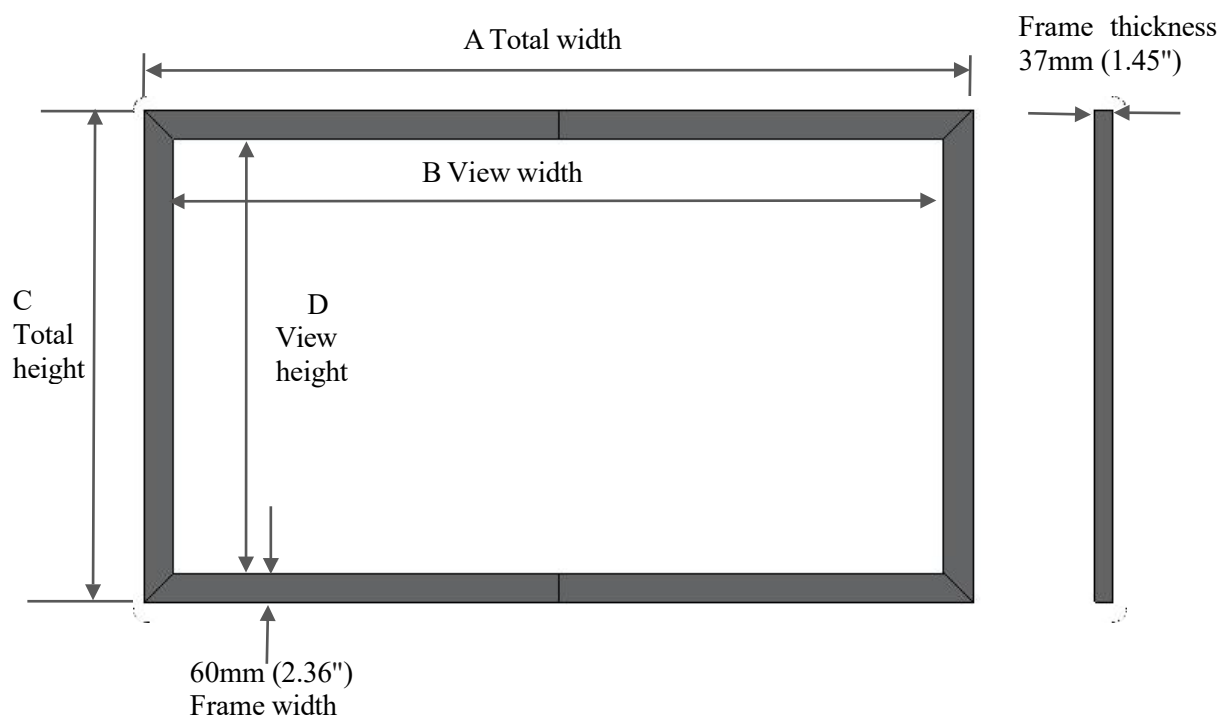


Hardware parts list

Please verify that all parts are included before assembling the screen. Contact us if anything is missing.

A: Top/bottom horizontal frame * 4		B: 2 side vertical frame * 2	C: M5*6 Screws * 24
Top left / Bottom right × 2pcs 			
Top right / Bottom left × 2pcs 		D: Center joints * 2	E: Elbow Joints * 4
			F: Support Bar * 1~2
G: $\phi 13 \times 40$ Wall anchor * 8		H: $\phi 12 \times \phi 4 \times 1$ Washer * 8	I: M4*32 Screws * 8
			
J: Gloves * 2		K: Protection sheet * 1	L: Spring * 50~150
			
M: Fiber rods * 6		N: Spring Hook * 2	O: Screen material * 1
			
P: Bottom brackets * 2		Q: Top brackets * 2	
			

Product Dimension Table



Note: The following measurements are for reference only. Actual dimensions may vary based on the physical product.

Size/ Aspect Ratio	A	B	C	D
92"/16:9	84.92"/2157	81.61"/2037	49.84"/1266	89.21"/1146
100"/16:9	91.89"/2334	87.17"/2214	53.74"/1365	49.02"/1245
105"/16:9	96.26"/2445	91.54"/2325	56.22"/1428	51.50"/1308
110"/16:9	100.59"/2555	95.87"/2435	58.66"/1490	53.94"/1370
115"/16:9	104.96"/2666	100.24"/2546	58.74"/1552	56.38"/1432
120"/16:9	109.33"/2777	104.61"/2657	63.54"/1614	58.82"/1494
128"/16:9	116.30"/2954	111.57"/2834	67.48"/1714	62.76"/1594
135"/16:9	122.4"/3109	117.68"/2989	70.91"/1801	66.18"/1681
138"/16:9	125.00"/3175	120.28"/3055	72.4"/1839	67.68"/1719
158"/16:9	142.44"/3618	137.72"/3498	82.19"/2088	77.48"/1968

Installation Steps

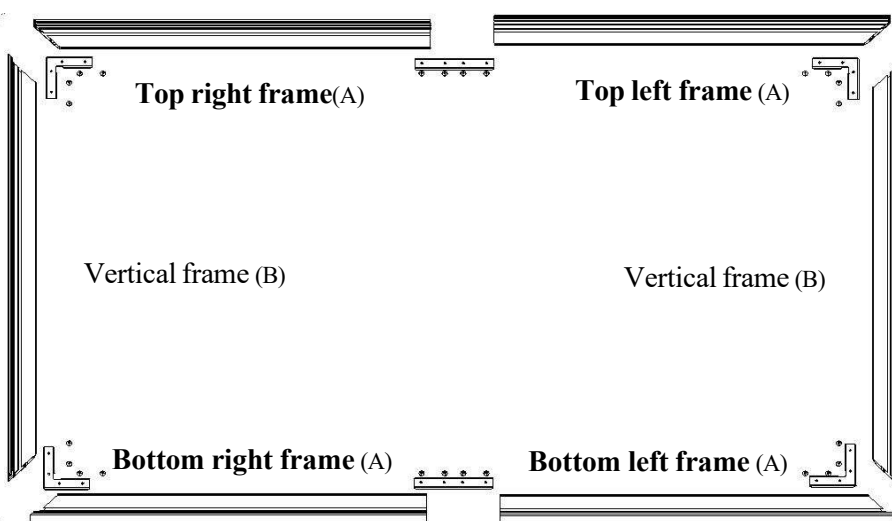
1. Screen Assembly Procedure



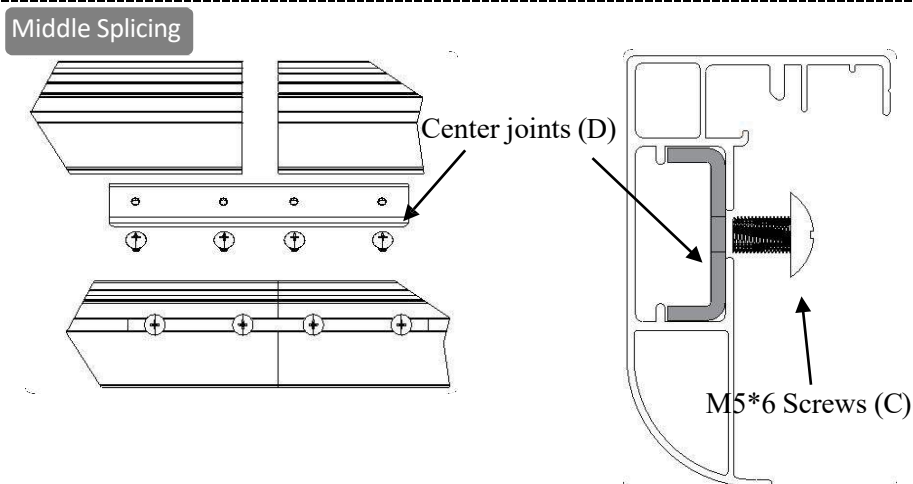
Reminder: Handle the frame with care. Position it properly before assembly to prevent scratches from accidental contact.

FRAME ASSEMBLY

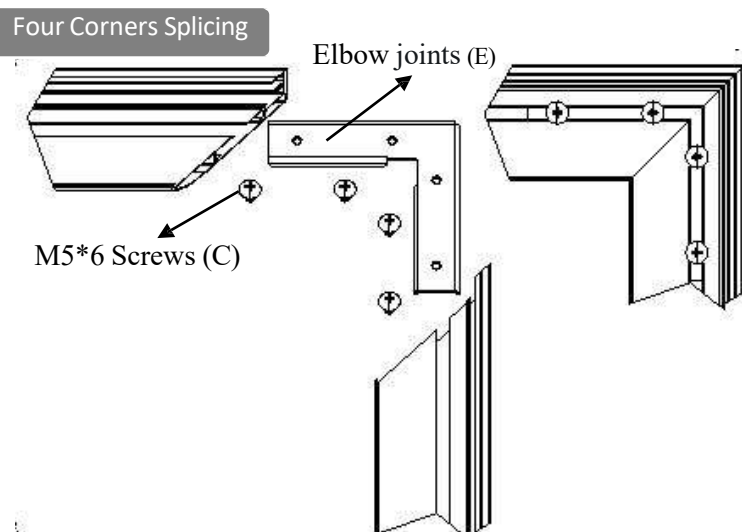
1. Lay the protection sheet (K) on a clean floor. Remove all items from the paper tube, then unpack the frame packaging and accessory box. Place the frame, center joints, and elbow joints on the protection sheet, arranging each component in the corresponding positions shown in the diagram.



2. Insert the center joints (D) into the frame's slot and secure them with the M5×6 screws (C) as shown in the diagram.



3. Insert the elbow joints (E) into the frame's slot and secure them with the M5×6 screws (C), as shown in the diagram.

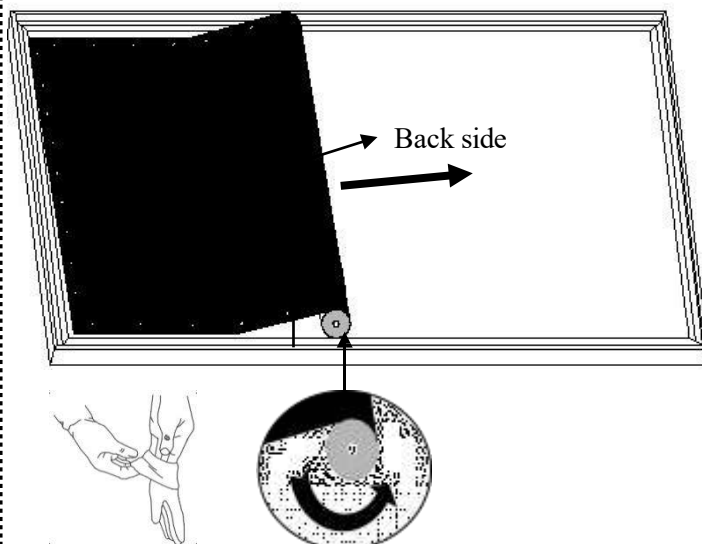


SCREEN ASSEMBLY



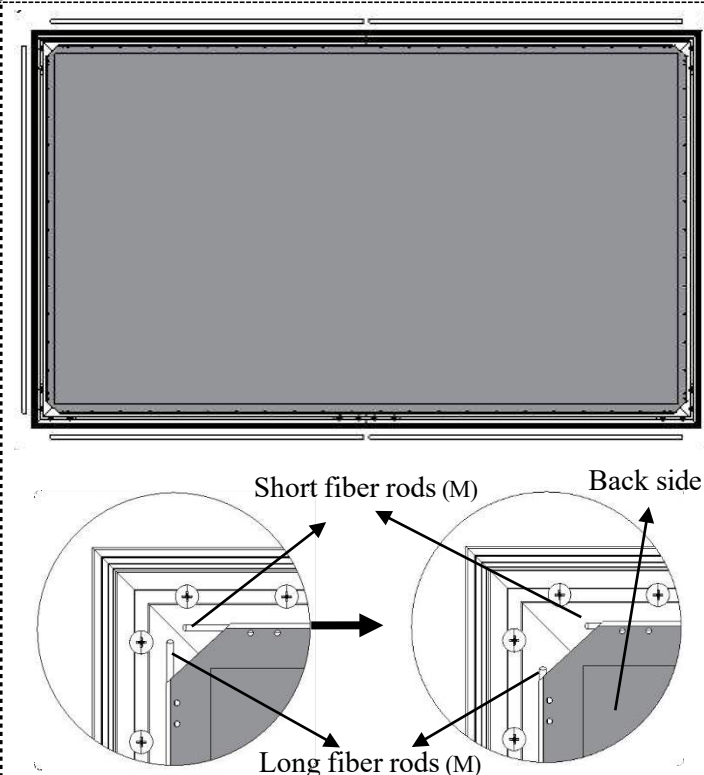
Unrolling the screen material

4. Put on the supplied pair of white gloves (J). This prevents permanent oily handprints from being left on the screen surface.
5. Remove the screen material (O) from the package and place it on the protection sheet (K). Gently hold down one edge of the screen with a suitable weight or by hand, taking care not to press too hard or damage the material.
6. With the back side of the screen material facing upward, have two people hold the rolled end and slowly unroll it counterclockwise. Lay it flat onto the protection sheet (K) and over the back of the frame.



Fiber rods installation

7. Gently place the frame onto the material. Insert four short fiber rods (M) along the long sides of the material and insert two long fiber rods (M) along the short sides.

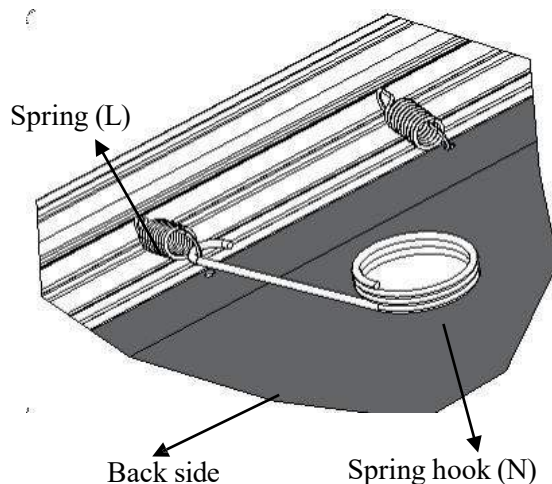
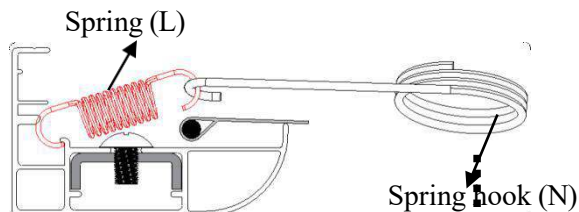




Screen material to frame attachment

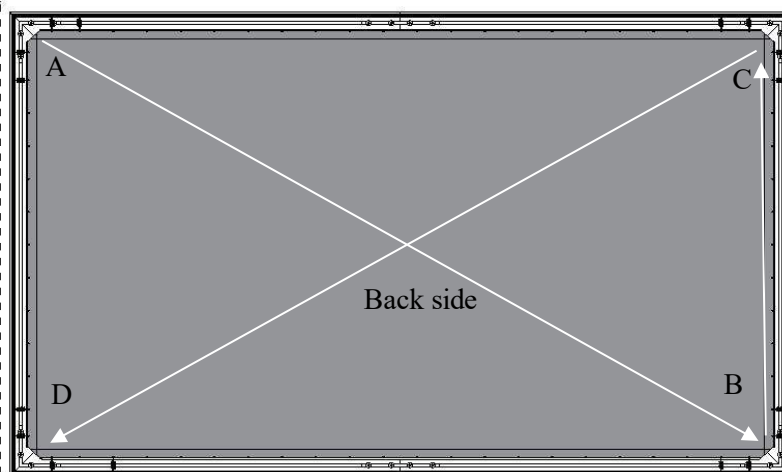
Spring Assembly

※Hook one end of the spring (L) into the frame slot. Hold the screen material in place, then use the spring hook (N) to pull the spring through the screen hole and secure it.



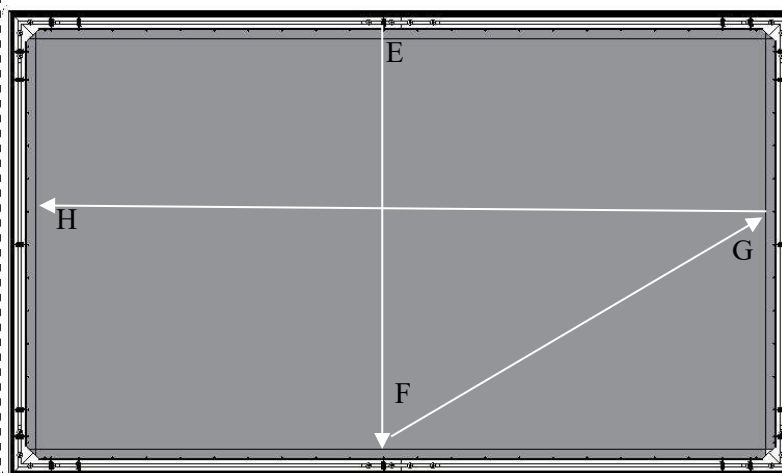
Corner Installation

8. First, install the four springs at each corner of the frame in the sequence A → B → C → D.

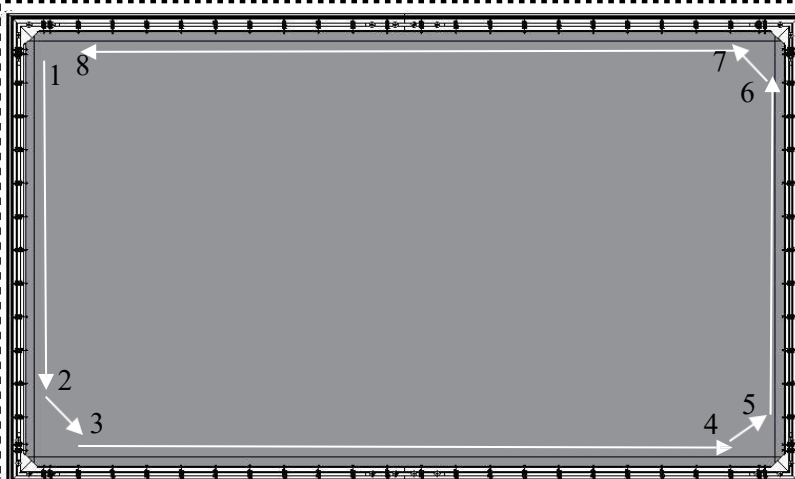


Midpoint Installation

9. Next, install the springs near the midpoint in the sequence E → F → G → H. Then lift the frame and gently shake it up and down to help distribute tension evenly across the screen material.



10. After all corner and middle spring fasteners are fully installed, Finally, install the springs in the sequence 1 → 2 → 3 → 4 → 5 → 6 → 7 → 8. After all springs are in place, lift the frame to inspect the screen surface. If wrinkles appear at the corners, adjust the springs on the back and gently pull the material left or right to flatten it. If additional adjustment is required, you may remove the four corner springs and

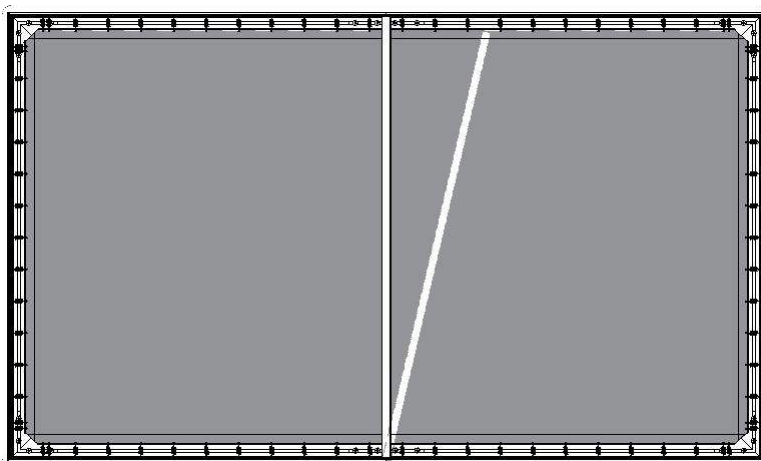


Support Bar Assembly

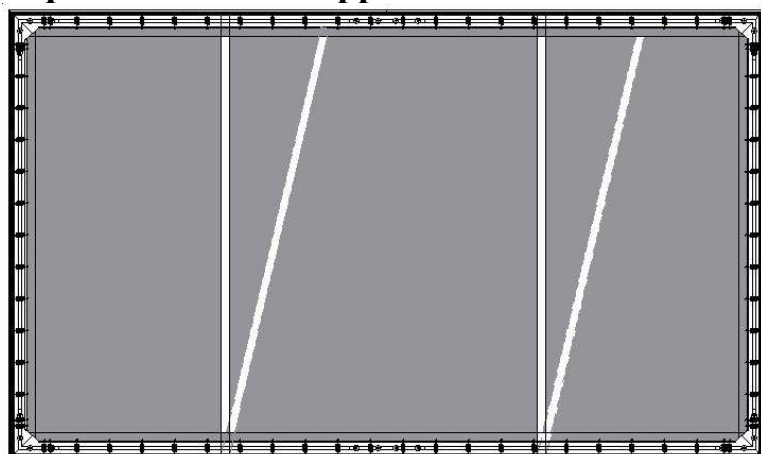
11. Position the support bar at an angle and insert it into the grooves on the top and bottom frame. Hold one end in place, then gently push the other end toward the center until the support bar stands perpendicular to the frame, as shown in the diagram.

(Note: Remove any spring located in the support bar's movement path before installation.)

Diagonal models 150" (include 150") and below use 1 Center Support Bar



Diagonal models above 150" (not including 150") require 2x Center Support Bars



2. Wall Installation

Wall Dilling

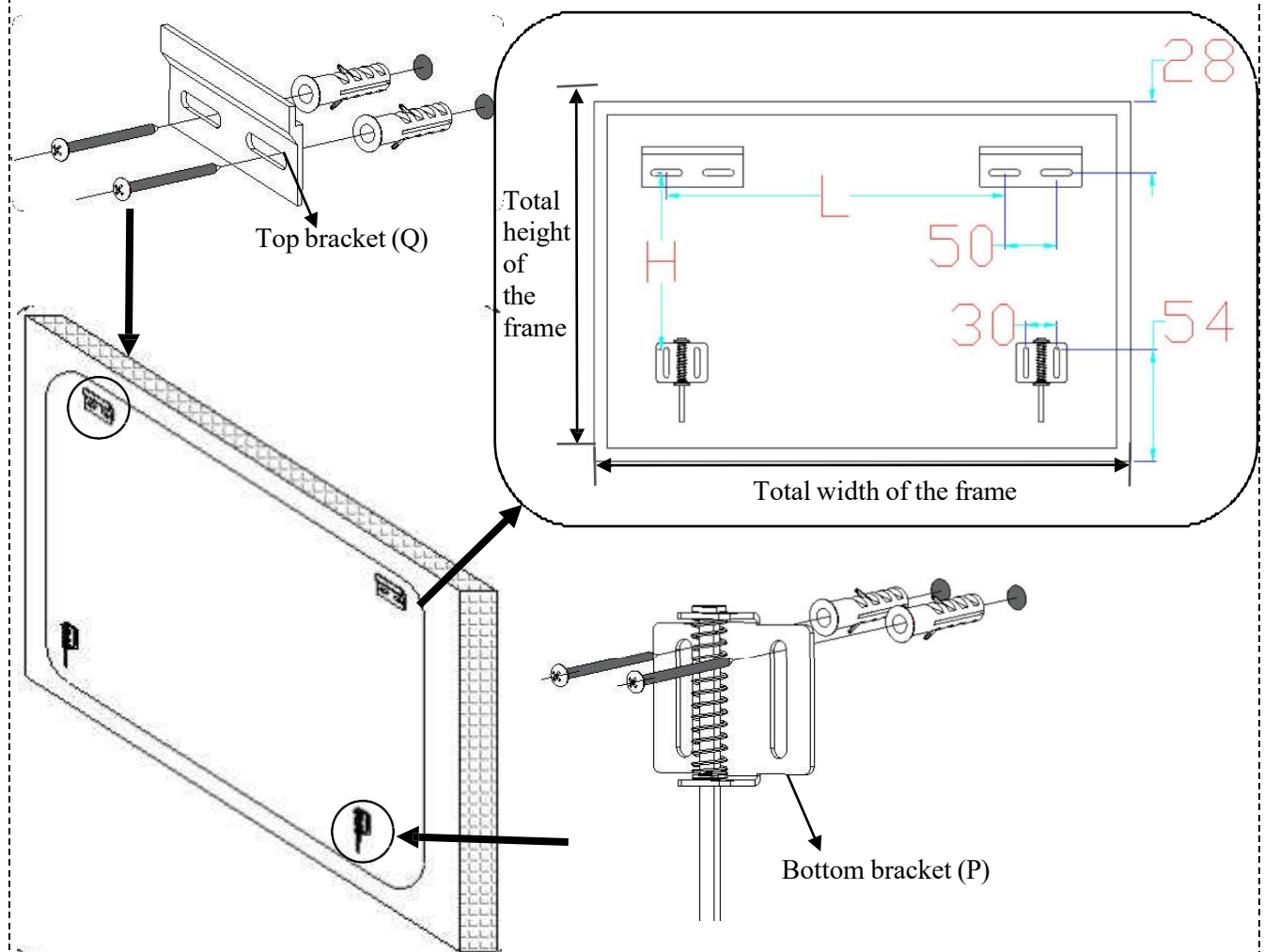
1. Turn on the projector and determine the screen's mounting position based on the projected image. (Note: Projection parameters vary by projector model. Refer to the projection distance chart provided with your projector during installation.)

2. Confirm the bracket positions, then drill the holes and install the brackets. The distance from the upper edge of the screen to the waist hole of the top bracket (Q) is 28 mm, and the distance from the lower edge of the screen to the hole position of the bottom bracket (P) is 54 mm. The spacing between the two top bracket holes is L, and the spacing between the top and bottom bracket holes is H. Refer to the table for the exact measurements.

Unit: mm	92"	100"	105"	110"	115"	120"	128"	135"	138"	158"
L(The distance between the left and right holes)	1500 (59.1")	1500 (59.1")	1500 (59.1")	1800 (70.9")	1800 (70.9")	2000 (78.7")	2000 (78.7")	2000 (78.7")	2000 (78.7")	2500 (78.7")
H (The distance between the top and bottom holes)	1221 (48.1")	1283 (50.5")	1346 (53.0")	1408 (55.4")	1470 (55.9")	1532 (60.3")	1632 (64.2")	1719 (68.1")	1757 (69.2")	2006 (78.9")

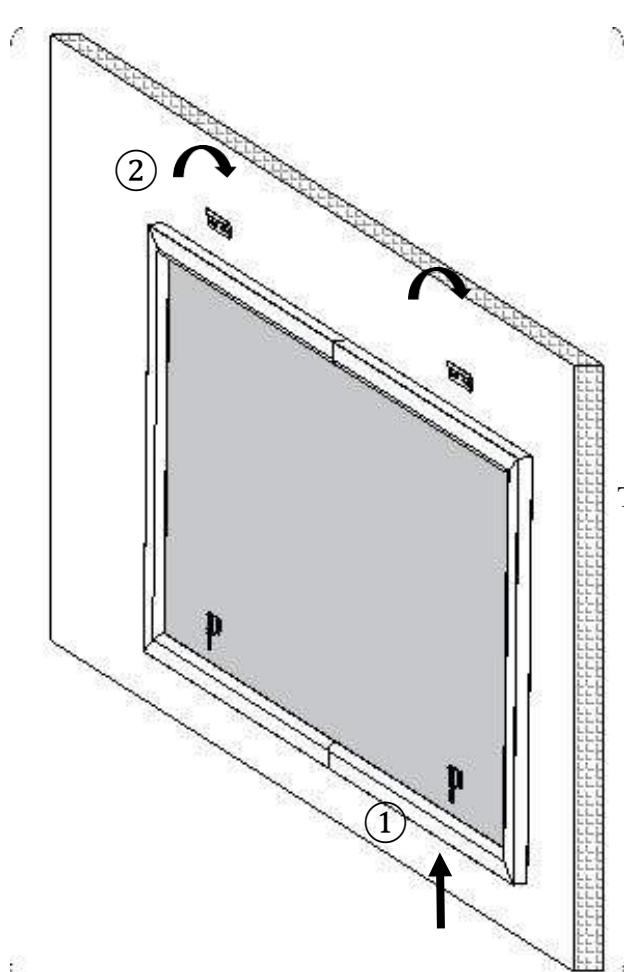
For models not listed, please calculate the values using the provided algorithm.

$H = \text{Total height of the screen} - 82\text{mm}$, $L = \text{Total width of the frame screen} - (600 \sim 1000\text{mm})$

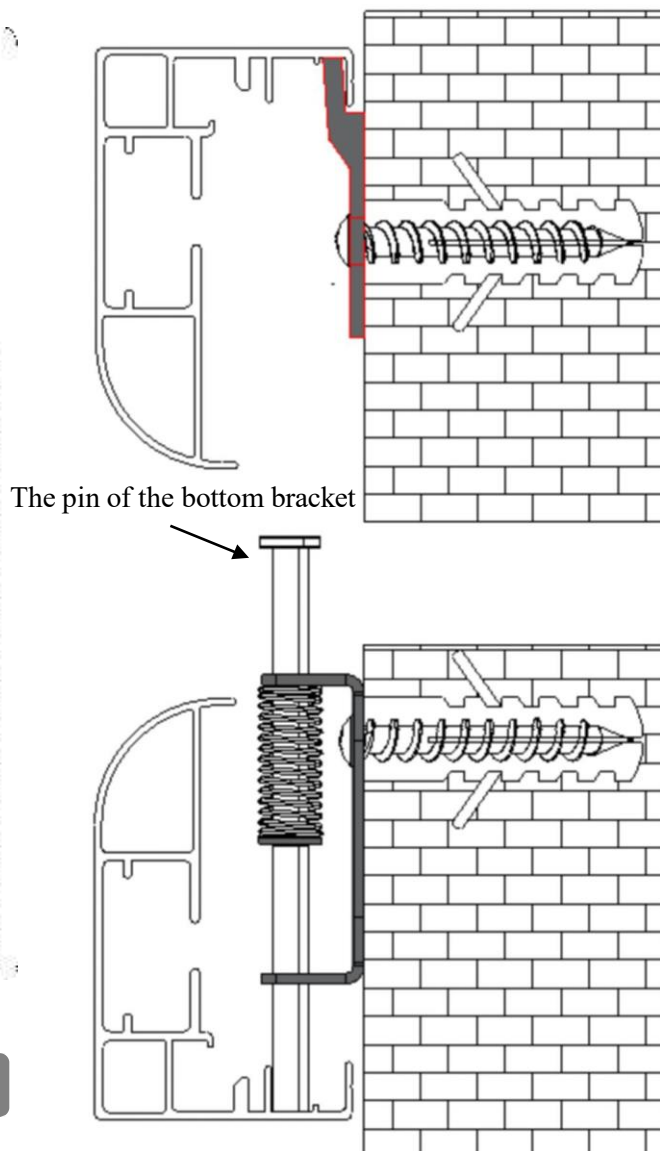


3. Have two people lift the screen together. First, position the bottom of the screen close to the wall. Then lift the screen upward to engage the pin on the bottom bracket. Finally, hang the screen onto the top brackets so it sits parallel to the wall. Adjust the screen's position by sliding it left or right as needed.

Top brackets installation diagram



Top brackets installation diagram



Bottom brackets installation diagram

Product maintenance and attentions

Dust, dirt and scratches on the projection screen surface will affect the quality and performance of the projection image. Follow the instructions below to properly maintain the screen.

Cleaning and maintenance:

1. Clean the dust on the screen surface with a soft brush or microfiber cloth. A rough towel or cloth may damage the screen's surface.
2. Gently wipe the screen with a moistened microfiber cloth with mild soap diluted in water.
3. If the screen material surface has a horizontal structure. Wipe from left to right only. DO NOT wipe the screen up and down or in a circular motion.

Attentions:

1. Don't touch the screen material to avoid leaving fingerprints. Use gloves when handling the material.
2. Don't scratch the screen material, as it will leave permanent markings on the screen's surface.
3. Don't point to the screen material with a fingertip or other sharp objects to prevent damage to the material.
4. Don't use acetone, benzene, alcohol and any other organic solvents to clean the screen material.
5. To maintain the integrity of the material and ensure the screen remains flat for a long time, please avoid installing it in direct sunlight or using it as a curtain. High temperatures can cause materials to expand, resulting in wavy deformation and wrinkles. Long-term exposure to solar radiation may cause material aging, and such situations are not covered by the standard warranty.

Troubleshooting & Solution Reference Table

Fault	Cause	Solution
Severe wrinkles at four corners of screen fabric	Side fasteners 1-8 were installed directly without installing the four-corner springs first	Remove all side springs; reinstall four-corner and midpoint springs first
Uneven screen height after wall mounting	No horizontal calibration performed	Take down the frame, calibrate horizontal level, then drill holes and reinstall hanging brackets
Gaps or steps at frame splicing joints	Profile joints were not aligned during splicing; screws were not tightened in the sequence "pre-tighten first, fully tighten later"	Remove screws at splicing joints, realign profile joints to eliminate gaps and steps, then evenly tighten screws in two separate stages

For more details, please log in : www.elitescreens.com
For technical support, please contact Elite Screens customer service