



# Fixed Frame Screen

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Owner's Manual &  
Installation Instructions



To the Owner

Installation Instructions

Screen Care

Maintenance

CFS-0415

**TO THE INSTALLER: BE SURE TO LEAVE THIS MANUAL WITH THE OWNER.**

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## **To THE OWNER**

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Congratulations on your purchase of one of our highly versatile Cima projection screens representing "Top of the Class" in standard commercial and residential projection screens.

Please take a moment to review this manual as it will help ensure you many years of trouble-free service from your new Cima by Stewart Filmscreen product.

### **Using this manual for installation**

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This manual includes and describes procedures for several types of frames and mounts. You must refer to the appropriate section for the type of Cima Fixed Frame you are installing. In addition, there are general instructions for attaching the screen to the frame that are provided in a separate section. This procedure is to be performed at a specific step in the overall sequence.

For the **frame and mount** type, refer to the appropriate page:

- ◆ Wall mount (standard screen attachment)
- ◆ Aperture mount

At the designated point in the installation, you will need to refer to the general instructions for **attaching the screen** to the frame.



## Contents

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To the Owner . . . . .	2
General Notes for Preparing the Installation . . . . .	4
Assembling the Frame . . . . .	5
Mounting the Frame . . . . .	6
Mounting the Frame - Section View . . . . .	7
General Instructions For Attaching Screen To Frame . . . . .	8
Attaching the Screen To Frame. . . . .	9
Adjusting the Screen Fabric . . . . .	10
Attaching the back support to the frame (where required) . . . . .	11
Aperture Mount . . . . .	12
Screen Care and Cleaning . . . . .	13
Troubleshooting . . . . .	14
<b>Product Warranty . . . . .</b>	<b>15</b>

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[www.stewartfilmscreen.com](http://www.stewartfilmscreen.com).

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# GENERAL NOTES FOR PREPARING THE INSTALLATION

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- ◆ **Before proceeding with the installation of this screen, take time to thoroughly read and understand these installation and operation instructions.**

## Preparation

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Specifications regarding the individual screen dimensions, weight, and mounting type are provided by the factory when the unit is ordered.

Before beginning the installation:

- ◆ Check the specifications for the type of frame and mounting to be used.
- ◆ Make sure there is a clean surface on which to unroll the screen and assemble the frame.
- ◆ Check the size and weight of the screen to be installed so that you can plan for the number of people required for the mounting procedure. You need at least two people to mount the smaller screens; more are needed for larger, heavier screens.

You will need:

- ◆ Clean cotton gloves, for handling the screen
- ◆ Ladders for the personnel supporting the screen during the mounting process, as needed
- ◆ A level
- ◆ Fasteners appropriate for the surface on which the screen is being mounted (See instructions for the type of mount for recommendations.)
- ◆ Drill for making holes to attach brackets to the mounting surface, as needed
- ◆ Tools for tightening fasteners

**Note:** Bolts and other fasteners for the screen are standard gauge and sizes used in the U.S., regardless of where they will be installed. For this reason, the sizes are expressed in inches rather than metric measurements.

## Unpacking

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Be sure to unpack carefully in a clean area. Use special care when handling the screen so that it does not become soiled or damaged.

If you plan to repack your screen and hardware for transportation to another location, you may wish to photograph or make a note of how it was packed. Keep the packing material.

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# ASSEMBLING THE FRAME

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Professional mounting techniques should be used. Stewart Filmscreen Corporation cannot be liable for substandard or faulty installations.

## Assembling the frame

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Frame assembly is the same regardless of the mounting option. Be sure to work in a clean area that will not damage the frame.

1. Connect the frame members by matching the labels on the ends of each member. See Figure 1.
2. Secure frame sections with the supplied bolts.

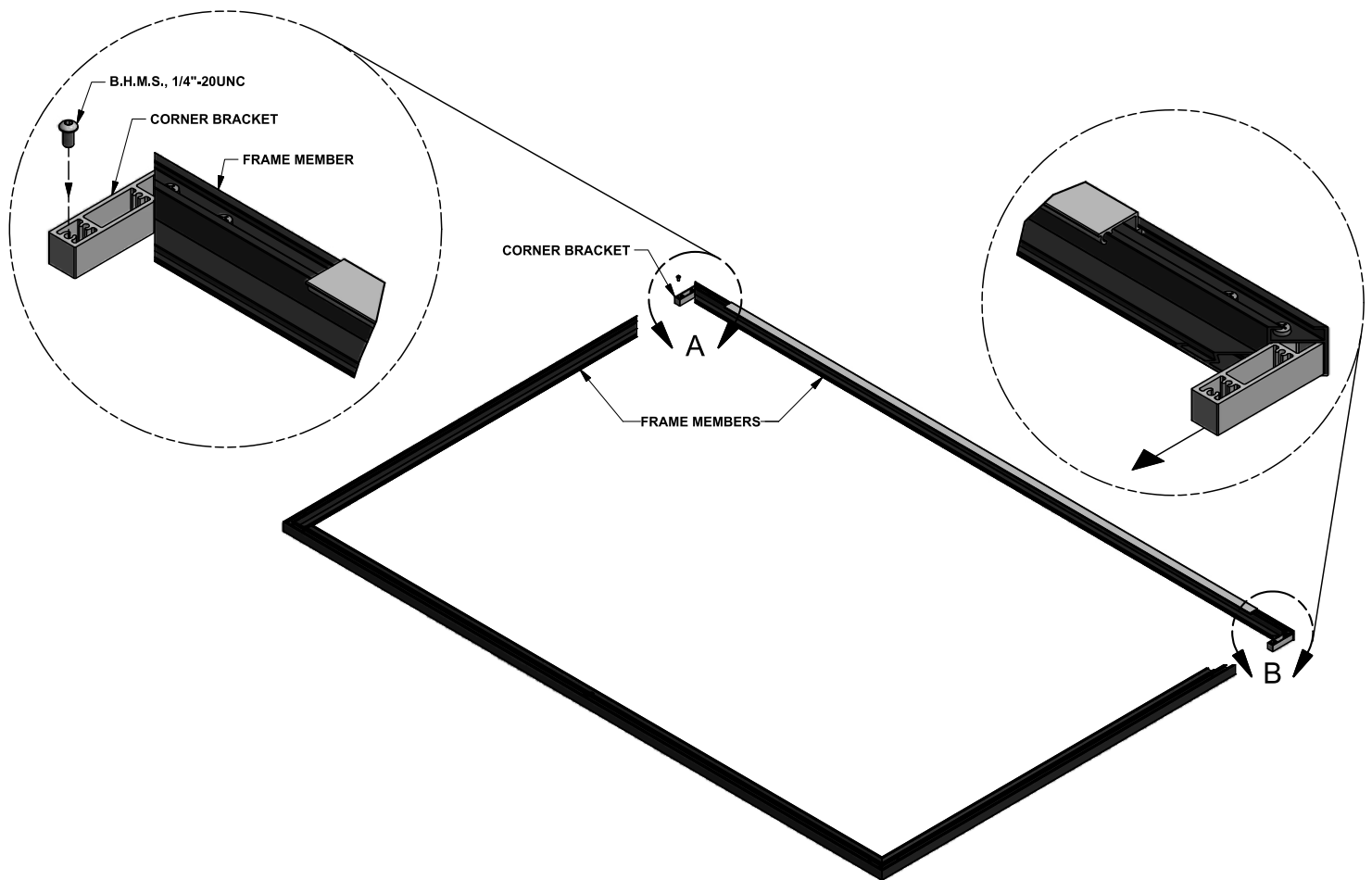


Figure 1: Assembling the frame, with corner detail

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# MOUNTING THE FRAME

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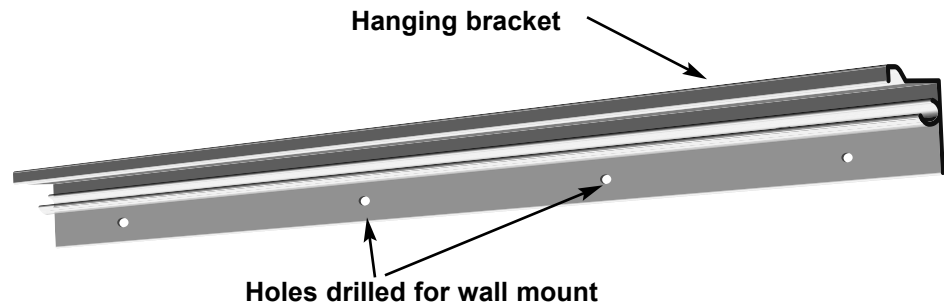
Follow the procedures for the type of mount you will use: wall mount or aperture mount.

## Wall mount

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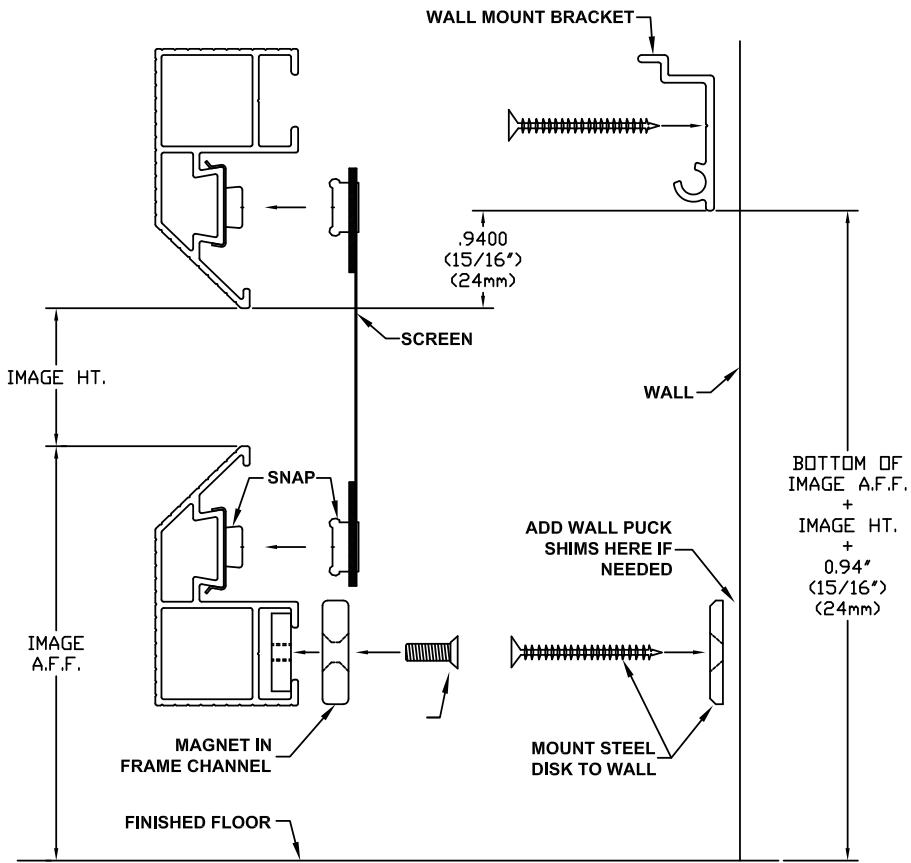
To accurately position the frame, you will mount the wall bracket and temporarily attach the frame prior to attaching the screen fabric. Holes for supporting the bracket are not pre-drilled; you can drill holes so that the frame mounting is attached to wall studs. On the bottom of the frame, there are magnets you can slide to align with wall studs; fasten the steel disks to the wall where studs are located. If the wall is not perfectly flat, the force of the magnet may cause the frame to bend. For this reason, wall puck shims (similar to washers) are provided for you to place between the wall and the steel puck so that the frame lays completely flat. The screen should not be attached to the frame at this point. Refer to Figures 2, 3, and 4.

1. Identify the location of wall studs where you can securely mount the wall bracket.
2. Use a level to accurately position the wall bracket on the wall.
3. Mark the desired position of the bracket on the wall. Mark the location of the studs where you will drill to attach the bracket. Mark where you will attach the steel disks to the magnets which will fasten to the frame.
4. Drill holes in the wall through the bracket into the stud.
5. Use appropriate fasteners to secure the wall bracket to the wall stud.
6. Check to make sure the bracket is level.
7. Hang the assembled frame, without the screen attached, on the wall bracket to ensure that it is correctly mounted.
8. Remove the frame. Drill holes so you can attach the steel disks that will hold the magnets on the frame. Use wall puck shims as needed.
9. Reposition the frame, and slide the magnets so that they align with the steel disks mounted on the wall.
10. Follow the steps for attaching the screen to the frame.

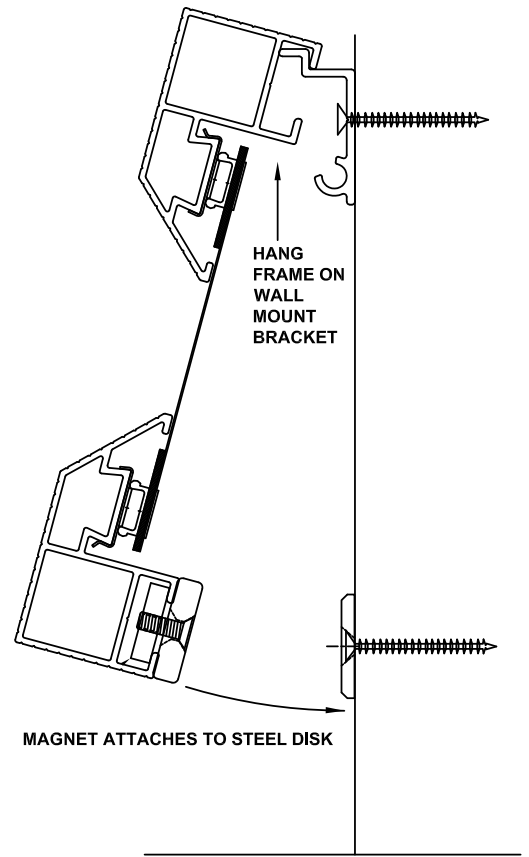


**Figure 2:** Wall bracket

# MOUNTING THE FRAME - SECTION VIEW



**Figure 3:** Components for wall mount



**Figure 4:** Hang the frame on wall mount

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## GENERAL INSTRUCTIONS FOR ATTACHING SCREEN TO FRAME

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This section provides the general instructions for attaching the screen to the frame. DO NOT perform this step UNTIL instructed to do so in the section for the specific type of mount you are using.

### Caution

- ◆ Be careful not to touch or scratch the image surface with fingernails.
- ◆ Do not use any tools to fasten the screen to the frame.
- ◆ Do not fold or crease the screen.

### Standard attachment

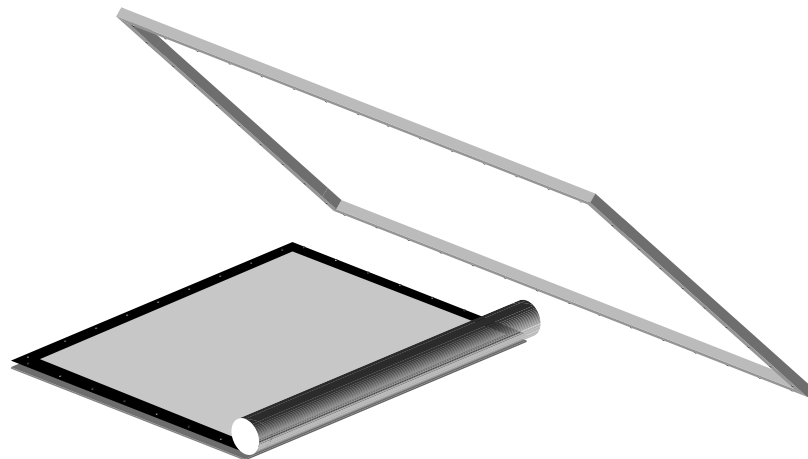
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Keep in mind that this procedure applies to several types of frames, so the appearance of your frame may be somewhat different than that shown in the illustrations.

### Unpacking and unrolling the screen

The viewing side of the projection screen is rolled to the inside to protect the optical coating. The screen is rolled lengthwise.

1. Remove the screen from the cardboard shipping tube.
2. On a clean floor, unroll screen viewing side up.
3. Allow the paper to unroll between screenback and the floor. (This will keep the screen clean.)  
Refer to Figure 10.



**Figure 10:** Unrolling the screen

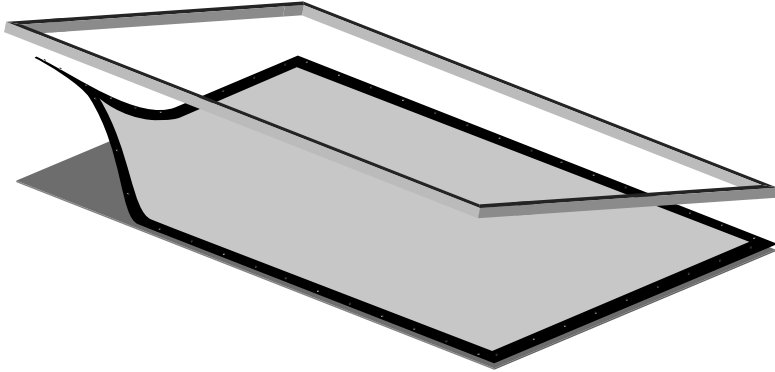


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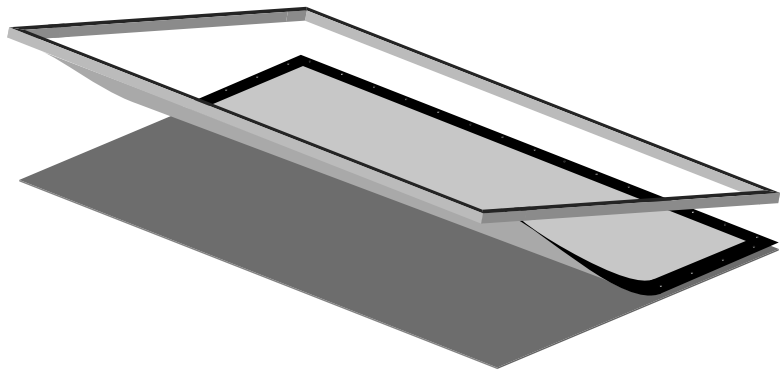
## Attaching the screen to frame

The next step is to attach the screen to the frame.

1. Place the frame over the screen.
2. While lifting the frame with one hand, snap the screen into the frame. Gently allow the screen to stretch onto the snaps. **Do not** jerk the material, as it can rip. Refer to Figure 11. Attach the snaps on the top corners and top horizontal first.
3. Lift the frame to a vertical position to finish attaching the sides and bottom rows of the snaps. Refer to Figure 12.



**Figure 11:** Lifting frame to snap on screen; top corner first



**Figure 12:** Attaching all top snaps first

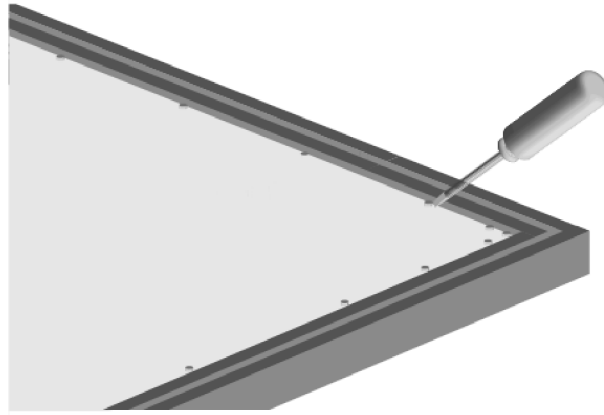
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## ADJUSTING THE SCREEN FABRIC

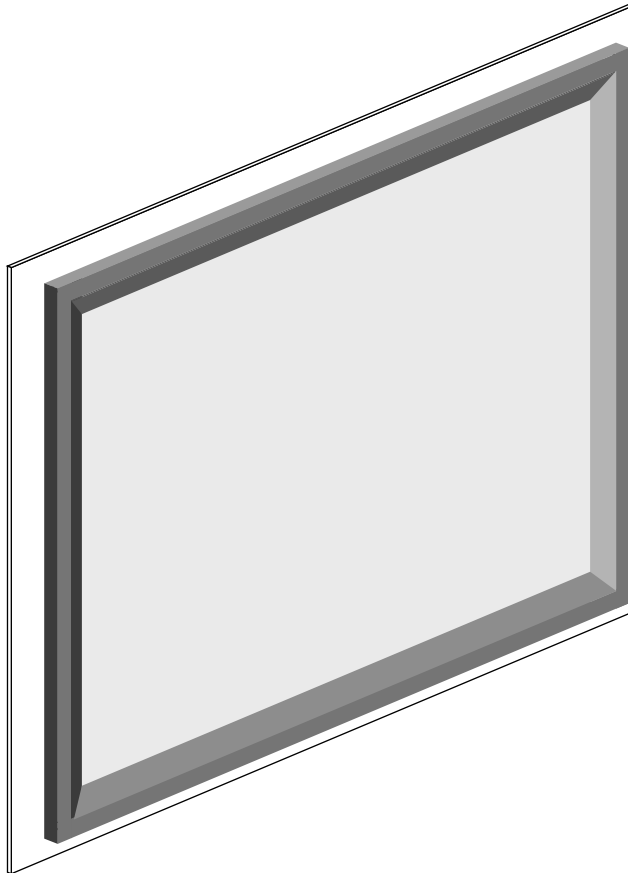
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Follow the procedures below to adjust the screen should there be any wrinkles or puckers

1. If there are puckers in the screen, you can use a screwdriver to tap the snaps so that the puckers are removed. A movement of 1/16" to 1/8" (1.6 mm to 3.2 mm) is usually sufficient to eliminate puckers. Refer to Figure 5.
2. Place the frame on the pre-mounted wall screws.



**Figure 5:** Tapping snaps to reduce screen puckers

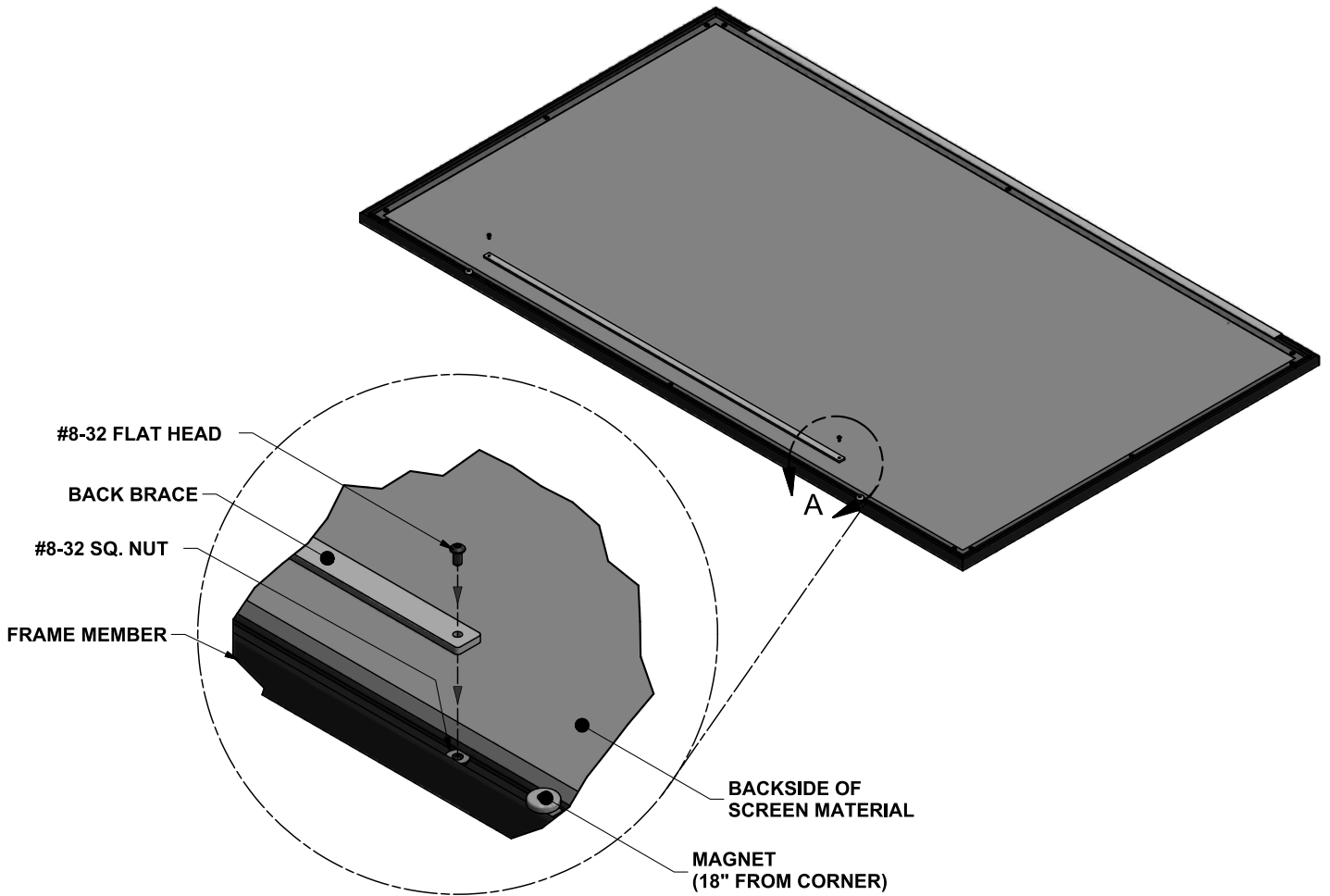


**Figure 6:** Completed Cima Fixed Frame screen mounted on wall

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### Pre-assembled frame back-brace support (where required)

Large screens greater than or equal to 96" image width will be provided with a factory-assembled back-brace support.



**Figure 7:** Factory Assembled back-brace for large screens

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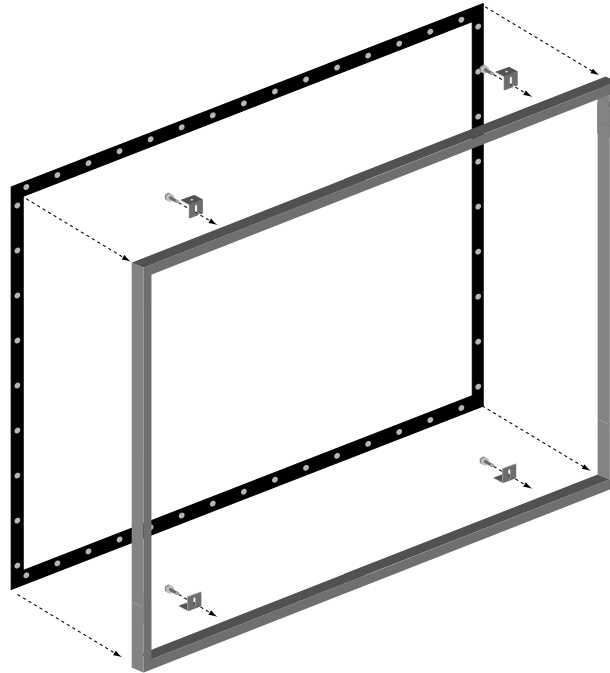
# APERTURE MOUNT

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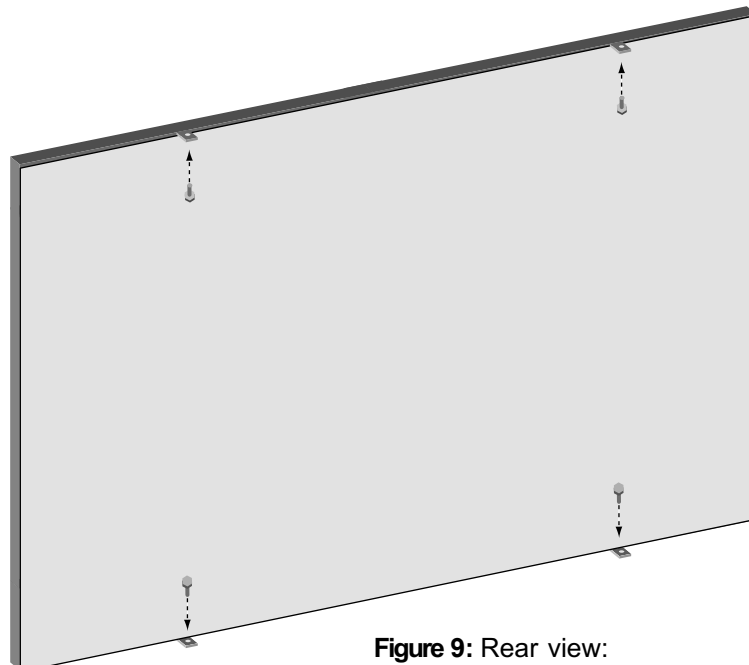
Professional mounting techniques should be used. Stewart Filmscreen Corporation cannot be liable for substandard or faulty installations.

The aperture mount allows you to install the screen into an opening in a wall or wall unit.

1. Prepare the aperture.
2. Assemble the frame as shown in the section starting on page 4.
3. Attach optional aperture mounting brackets, if used. Refer to Figure 8.
4. Attach the screen. Go to the section on attaching the screen to the frame on pages 8 & 9, then return to this section.
5. Carefully insert the frame (with the screen already attached) into the aperture. Take care so that you do not damage the screen.
6. Attach the mounting brackets to the wall with the appropriate fastener. Refer to Figure 9.



**Figure 8:** Front view: frame, mounting brackets, and screen



**Figure 9:** Rear view:  
frame, mounting brackets, and screen

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## SCREEN CARE AND CLEANING

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### General maintenance

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The surface of your screen is delicate. Special attention to these instructions should be followed when cleaning.

- ◆ A draftsman-style brush may be used to lightly whisk away any loose dirt or dust particles. (This type of brush is usually available at office supply stores.) Stewart Filmscreen has an optional screen cleaning kit that contains the proper type of brush. Contact your dealer if you would like to obtain this cleaning kit.
- ◆ For tougher spots, use a solution of mild detergent and water. Rub lightly using a sponge. Blot with a damp sponge to absorb excess water. Residual water marks will evaporate within a few minutes.

Do not use any other cleaning materials on the screen. Contact the factory if you have questions about removing difficult spots.

### Caution

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**Do not use chemicals or solvents to clean the fabric.  
Use only commercially available, water-based de-greaser**

### VeLux™ covering

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- ◆ Use a lint roller to remove particles from the VeLux material.
- ◆ A brush can be used to comb (lift) the nap of the VeLux material to help eliminate depression marks.

### Replacement parts and service

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No user-serviceable parts are contained within the unit. Contact your dealer or the factory if you require part replacement or service.

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## **TROUBLESHOOTING**

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With reasonable care, you may expect many years of trouble-free use from your Cima projection screen.

Refer to the following guidelines if you encounter a difficulty in the operation of your Cima Fixed Frame. Should you have a problem that is not addressed here, call Stewart Filmscreen.

<b>Problem description</b>	<b>Probable cause</b>	<b>Action to take</b>
Dirt, fingerprints, marks, etc. on screen surface.	Improper handling of screen.	Brush off or use a mild detergent solution with clean rag or cotton swab.

## LIMITED ONE YEAR WARRANTY

STEWART FILMSCREEN CORPORATION (Stewart) warrants its Cima by Stewart Filmscreen products to the original purchaser only, to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase by the original purchaser or eighteen (18) months from date of manufacture, as defined in the serial number, provided they are properly operated and maintained according to Stewart instructions and are not damaged due to improper handling or treatment after shipment from the factory. This warranty does not apply to equipment showing evidence of misuse, abuse, or accidental damage, including neglect caused by improper installation (i.e. proximity to hot lights, exposure to extreme heat or cold, exposure to excessive humidity, etc.). Stewart on-site warranty repair services are not available for this product

Stewart's sole obligation under this warranty shall be to repair or to replace (at Stewart's sole discretion) the defective part of the merchandise. This warranty expressly does not cover any costs of removal, installation, framing, or other costs incident to replacing the screen or returning it to Stewart. Returns for service should be made to your Stewart dealer. If it is necessary for the dealer to return the screen or part to Stewart, transportation (freight) expenses to and from Stewart are payable by the purchaser. Stewart is not responsible for damage in shipment. To protect yourself against damage or loss in transit, insure the product and prepay all transportation expenses.

This warranty is in lieu of all other warranties, expressed or implied, including warranties as to fitness for use and merchantability. Any implied warranties of fitness for use, or merchantability, that may be mandated by statute or rule of law are limited to the one (1) year warranty period. This warranty gives you specific legal rights, and you may also have other rights which vary from state-to-state. In no event will Stewart be liable for sums in excess of the purchase price of the product. No liability is assumed by Stewart for expenses or damages resulting from interruption in operation of equipment, or for incidental, direct, or consequential damages of any nature.

In the event that there is a defect in materials or workmanship of a Cima by Stewart Filmscreen, you may contact our Customer Service Department at 1161 W Sepulveda Blvd, Torrance, California 90502-2797 (310-784-5300) Toll free (800-762-4999).

**IMPORTANT:** This warranty shall not be valid and Stewart shall not be bound by this warranty if the product is not operated and maintained in accordance with Stewart's written instructions.

Stewart Filmscreen Corporation shall not be liable for any and all consequential damage(s) occasioned by the breach of any written or implied warranty pertaining to the sale of Cima by Stewart Filmscreen product in excess of the purchase price of the product sold.

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