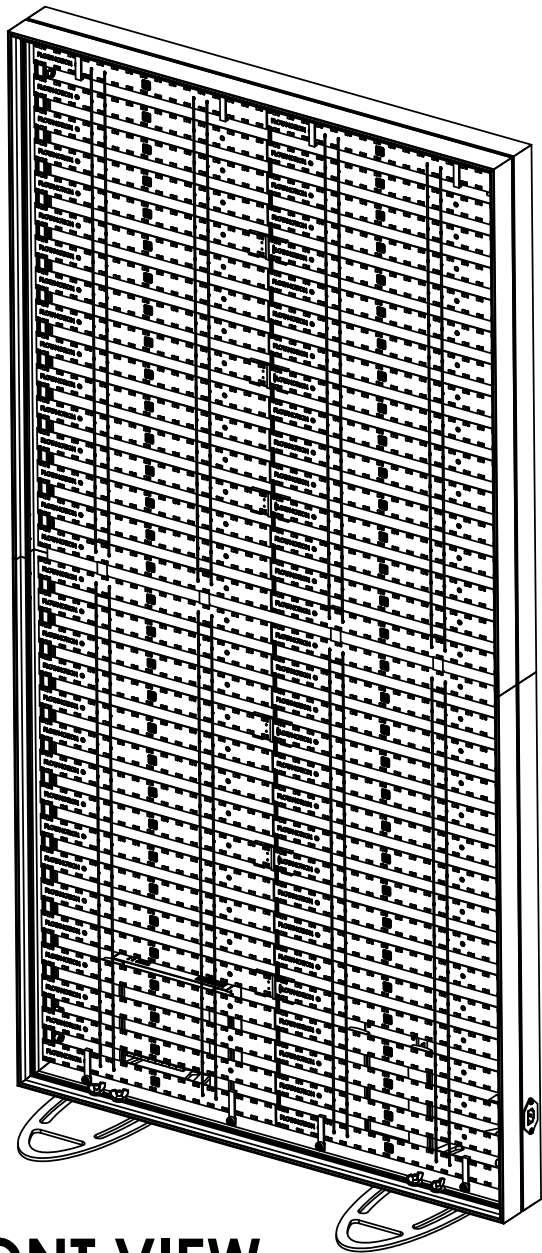
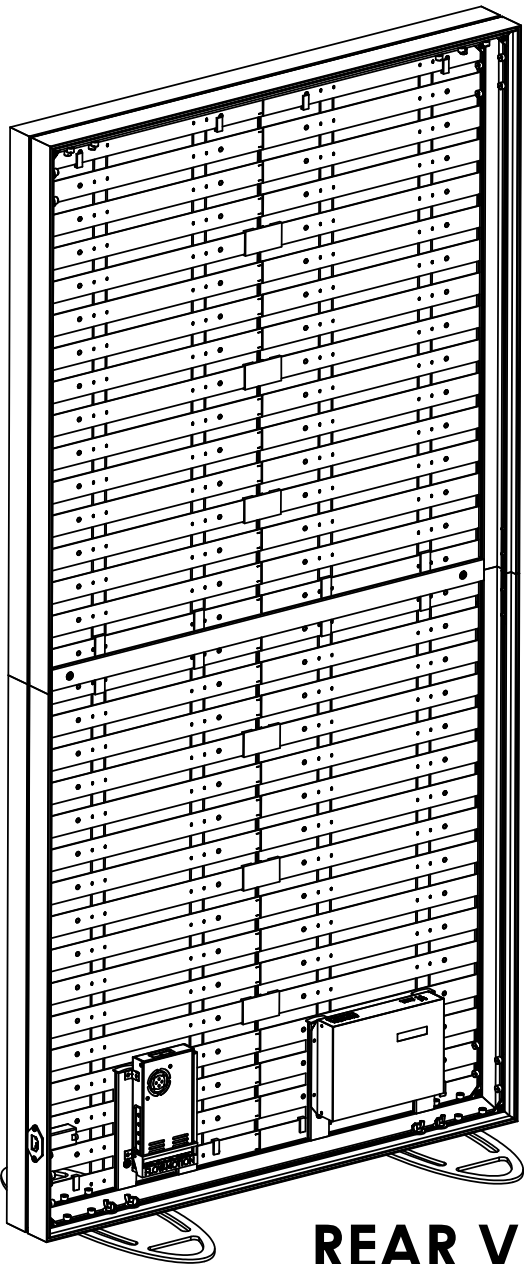
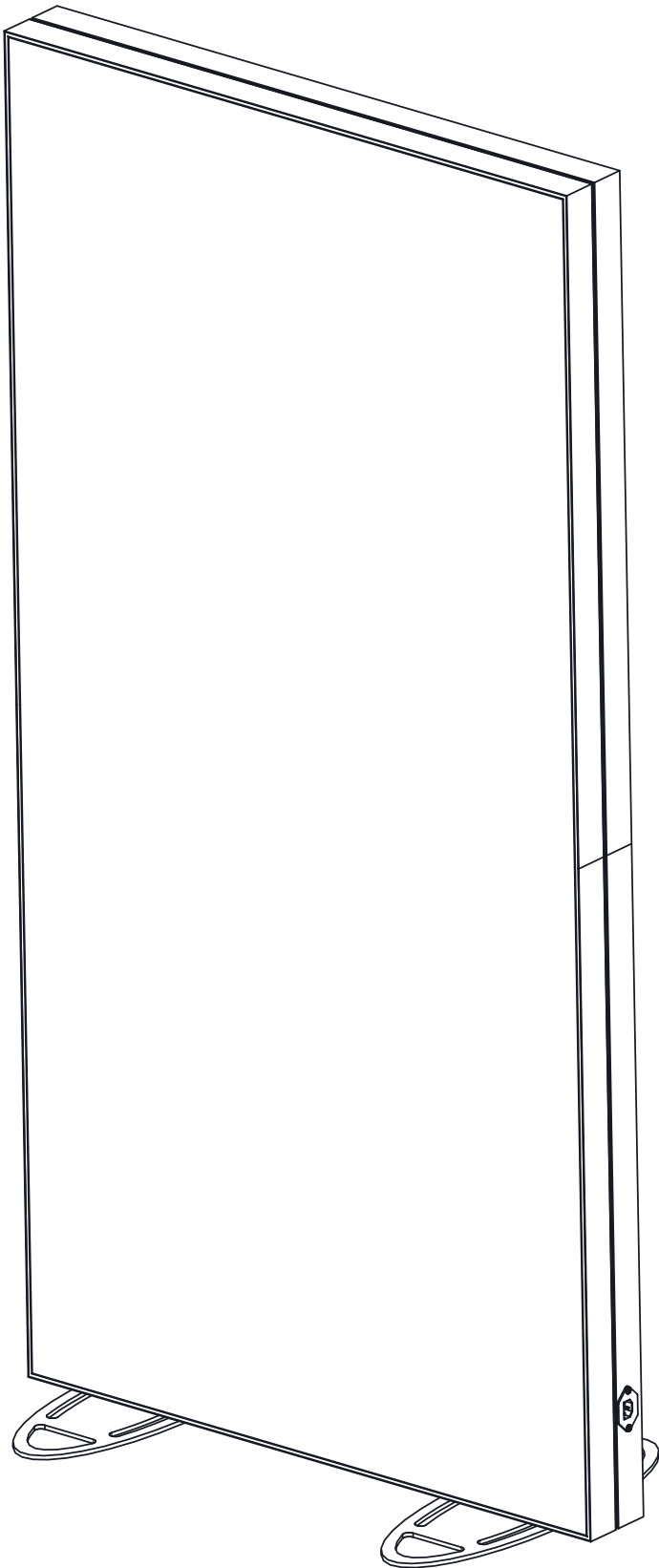


41" x 82" FLOW-MOTION LIGHT BOX  
FM4182-DS

PLEASE REFER TO LAST PAGE OF  
MANUAL FOR SEG INSTRUCTIONS



FRONT VIEW



REAR VIEW

SET-UP MANUAL



TYPICAL		THIRD ANGLE PROJECTION		THE DOCUMENT AND DATA DISCLOSED HEREIN OR HEREON IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF NIEDO GROUP, INC.	
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SIZE B		DWG. NO.		REV. -02	
SCALE: N/A		DO NOT SCALE DRAWING		SHEET 1	

41" x 82" FLOW-MOTION LIGHT BOX  
FM4182-DS

FRONT VIEW

REAR VIEW

LIGHT BOX FOOT ATTACHMENT  
WINGNUTS & WASHERS (8)

LIGHT BOX FOOT (2)

LIGHT BOX FOOT  
ATTACHMENT SCREWS (8)

LED PANEL ARRAY TOP HANGER (4)

FRAME CORNER BRACKET (8)

DOUBLE SIDED FRAME  
RIGHT HAND TOP

LED PANEL ARRAY (16X2)

FRAME HORIZONTAL SUPPORT

FRAME COUPLING INSERT

DOUBLE SIDED FRAME  
RIGHT HAND BOTTOM

POWER RECEPTACLE

LED PANEL ARRAY BOTTOM  
SLOTTED ADJUSTMENT HANGER (4)

DOUBLE SIDED FRAME TOP

DOUBLE SIDED FRAME  
LEFT HAND TOP

LED PANEL ARRAY  
HORIZONTAL COUPLING (6)

LED PANEL ARRAY  
VERTICAL COUPLING (4)

DOUBLE SIDED FRAME  
LEFT HAND BOTTOM

LED DISPLAY  
CONTROLLER

POWER SUPPLY

THIRD ANGLE PROJECTION		NIEDO GROUP, INC. 5465 SW WESTERN AVE. BEAVERTON, OR 97005	
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SIZE B	DWG. NO.	REV. -02	
SCALE: N/A	DO NOT SCALE DRAWING	SHEET 1	

# 41" x 82" FLOW-MOTION LIGHT BOX FM4182-DS

REFER TO FRONT AND REAR VIEWS, PAGE 2

## STEP 1

ALIGN FRAME COUPLING INSERTS INTO  
SHORT SIDE CHANNELS OF LH AND RH  
TOP AND BOTTOM FRAME PUSH FRAMES  
TOGETHER AND TIGHTEN INSERTS WITH  
ALLEN WRENCH.

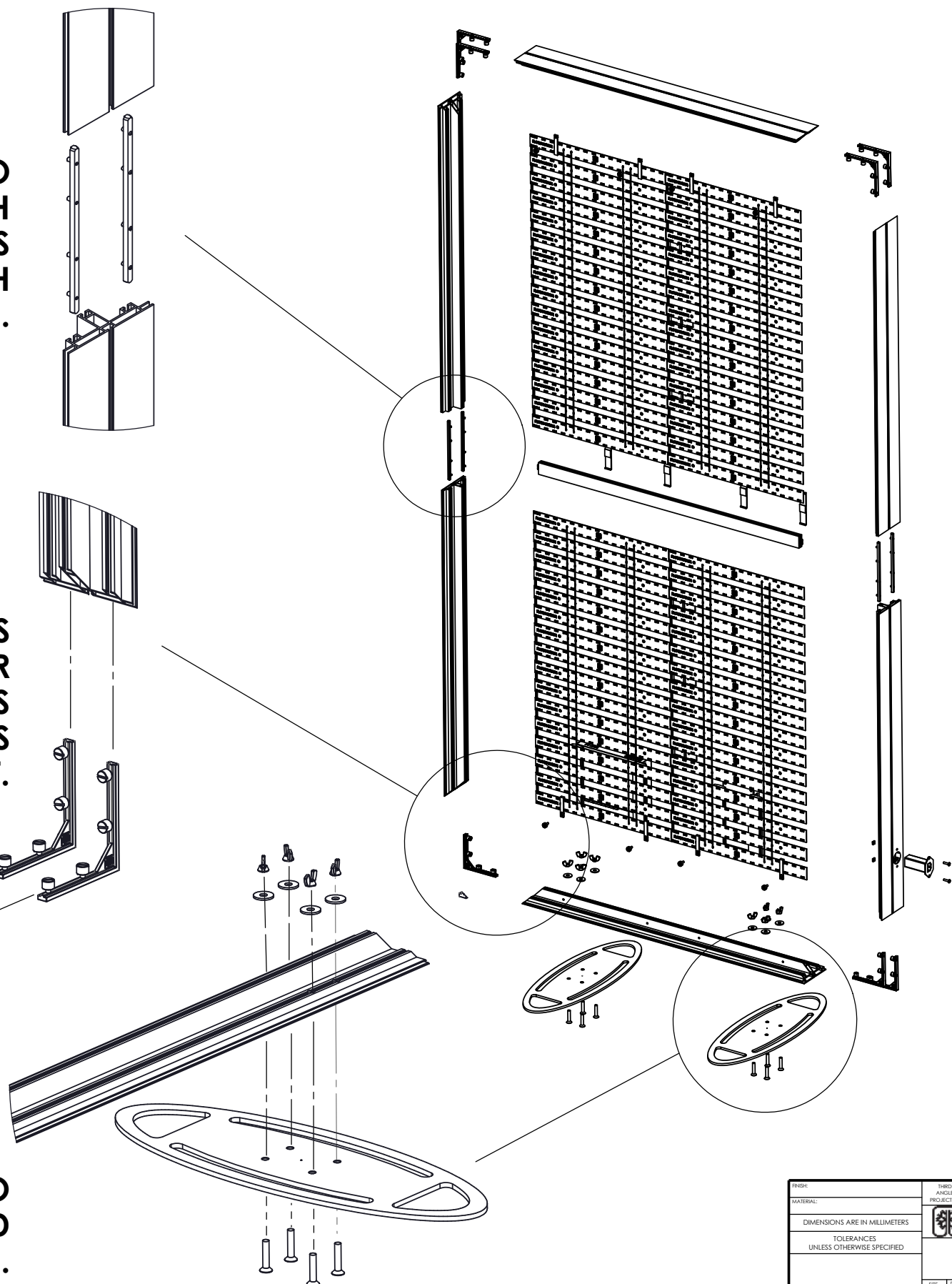
## STEP 2

ALIGN BOTTOM FRAME CORNER BRACKETS  
INTO REAR SIDE CHANNEL AND TALL CENTER  
CHANNEL OF FRAME. PUSH CORNERS  
TOGETHER AND TIGHTEN THUMB SCREWS  
FINGER TIGHT.

## STEP 3

ASSEMBLE LIGHT BOX FEET TO  
FRAME WITH WASHERS AND  
WING NUTS AS SHOWN.

## FRAME ASSEMBLY DETAILS



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SIZE B		41" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS	
SCALE: NA		DO NOT SCALE DRAWING	
		SHEET 1	
		REV -02	

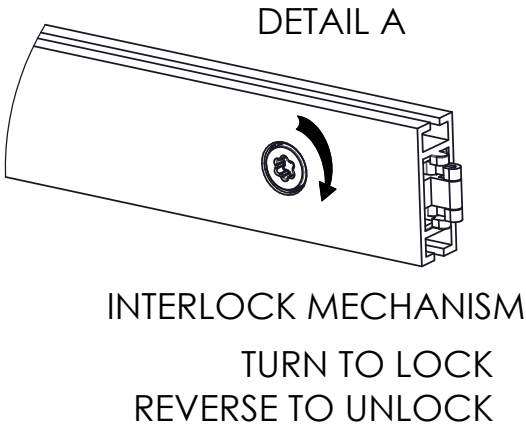


41" x 82" FLOW-MOTION LIGHT BOX  
FM4182-DS


FRAME ASSEMBLY DETAILS

REFER TO FRONT AND REAR VIEWS, PAGE 2

**STEP 5**  
COMPLETE FRAME ASSEMBLY BY ALIGNING TOP FRAME CORNER BRACKETS INTO REAR SIDE CHANNEL AND TALL CENTER CHANNEL OF FRAME. PUSH TOP CORNERS TOGETHER AND TIGHTEN THUMB SCREWS FINGER TIGHT



**STEP 4**  
INSERT INTERLOCKS AT ENDS OF THE FRAME HORIZONTAL SUPPORT INTO CENTER FRAME CHANNELS AT TOP OF FRAME AND LET SLIDE DOWN TO CENTER OF FRAME. TIGHTEN INTERLOCK MECHANISM AS SHOWN IN DETAIL A

PUSH		THIRD ANGLE PROJECTION		THE DOCUMENT AND DATA DISCLOSED HEREIN OR HEREON IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF NIEDO GROUP, INC.	
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SIZE B		DWG. NO.		REV -02	
SCALE: NA		DO NOT SCALE DRAWING		SHEET 1	

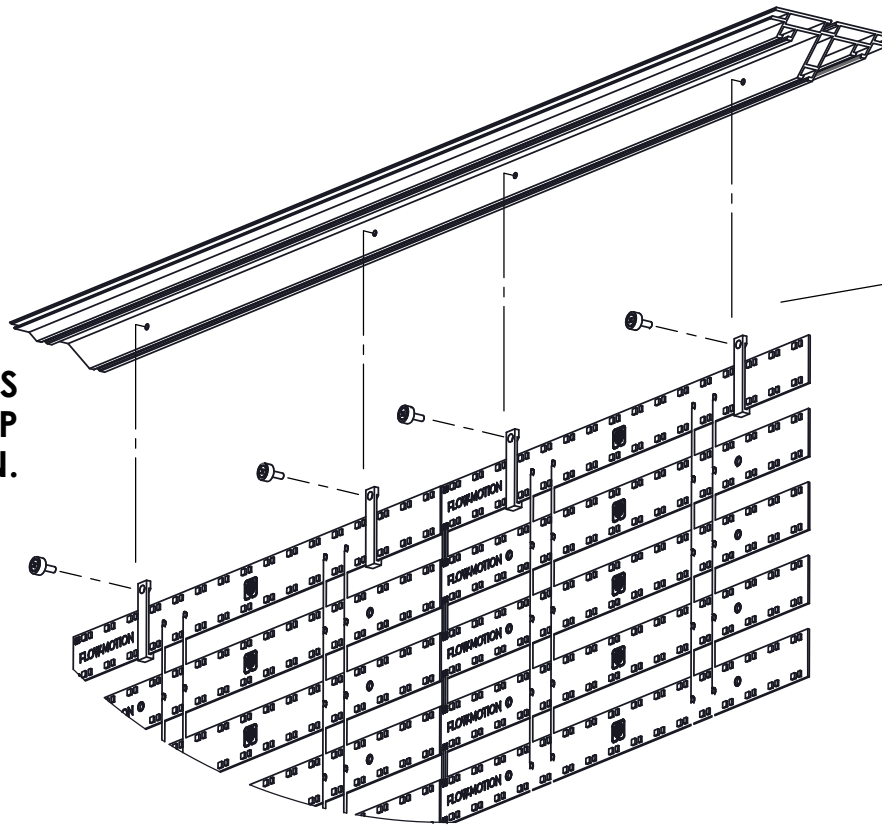
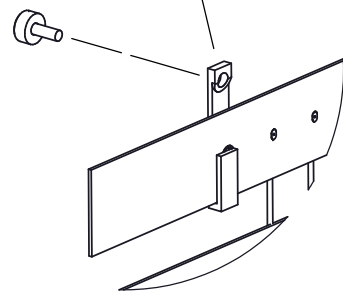
# 41" x 82" FLOW-MOTION LIGHT BOX FM4182-DS

## LED PANEL ARRAY INSTALLATION DETAILS REFER TO FRONT AND REAR VIEWS, PAGE 2

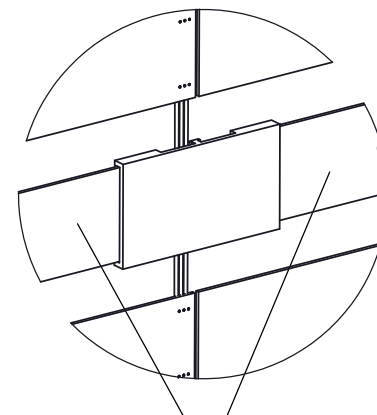
### STEP 6

INSTALL LED PANEL ARRAY TOP HANGERS  
AS SHOWN. ASSEMBLE TO FRAME TOP  
WITH THUMB SCREWS AS SHOWN.

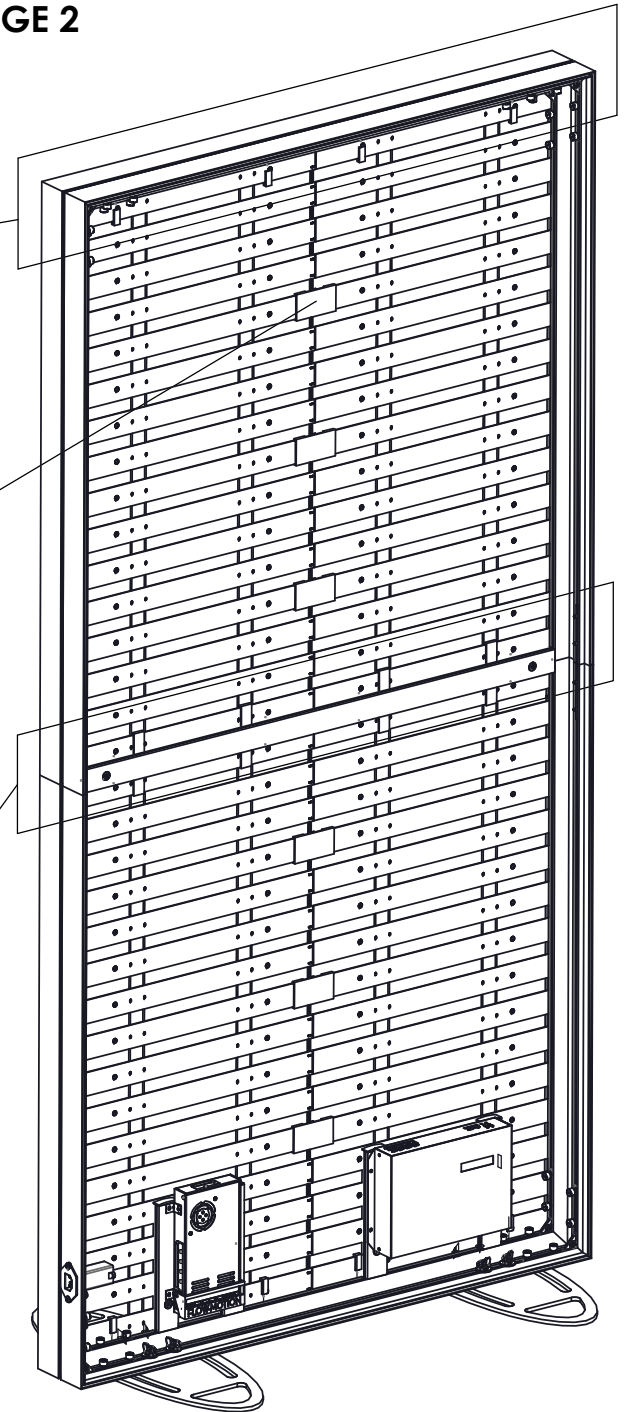
TOP HANGER IS NOT SLOTTED



### HORIZONTAL COUPLING



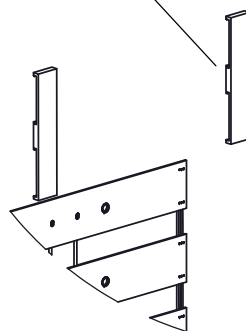
BOARD EDGES ARE  
JOINED AT CENTER



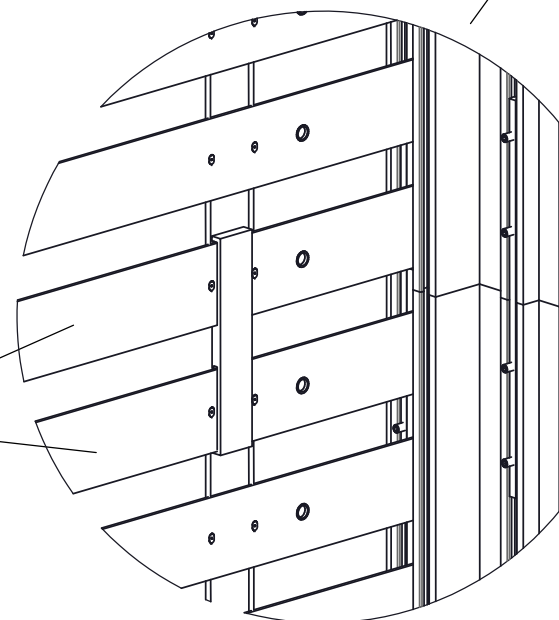
### STEP 7 ( IF NECESSARY )

JOIN LED PANEL ARRAYS AT  
CENTER AND EDGES USING  
HORIZONTAL AND VERTICAL  
COUPLINGS AS SHOWN

### VERTICAL COUPLING

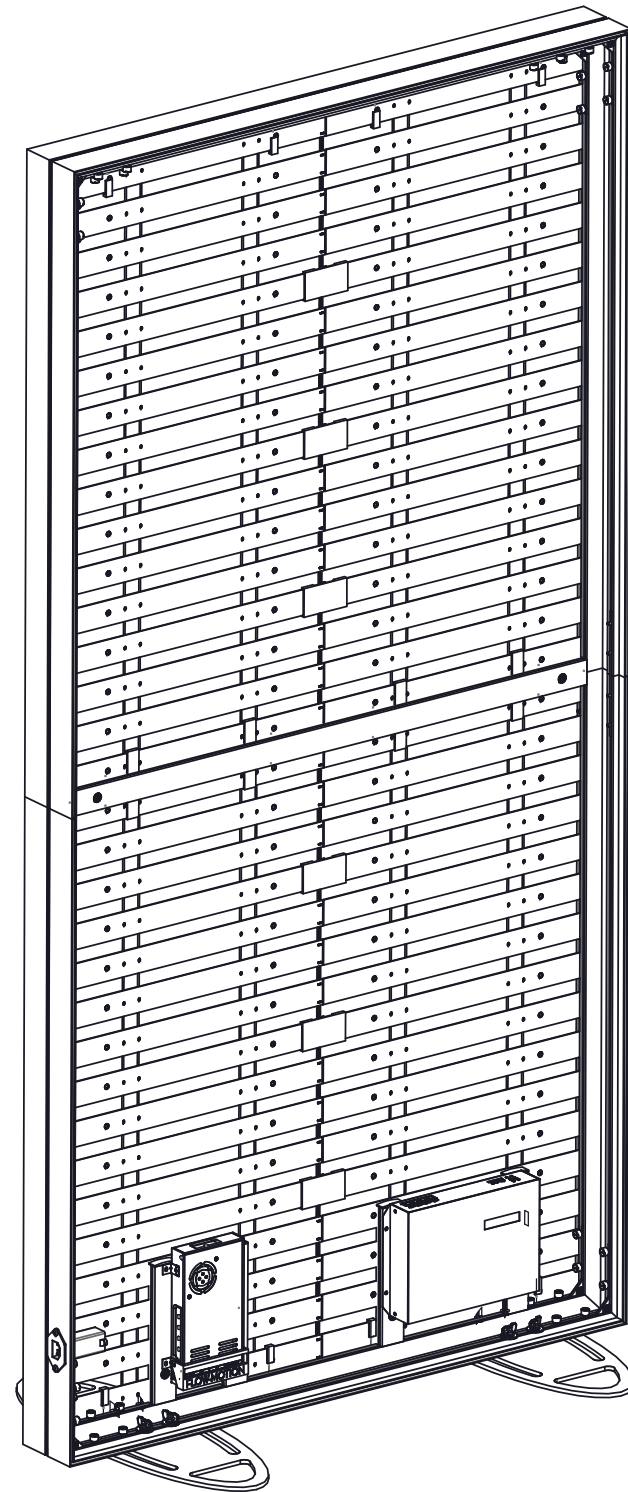


TOP & BOTTOM  
LED PANEL  
ARRAYS JOINED



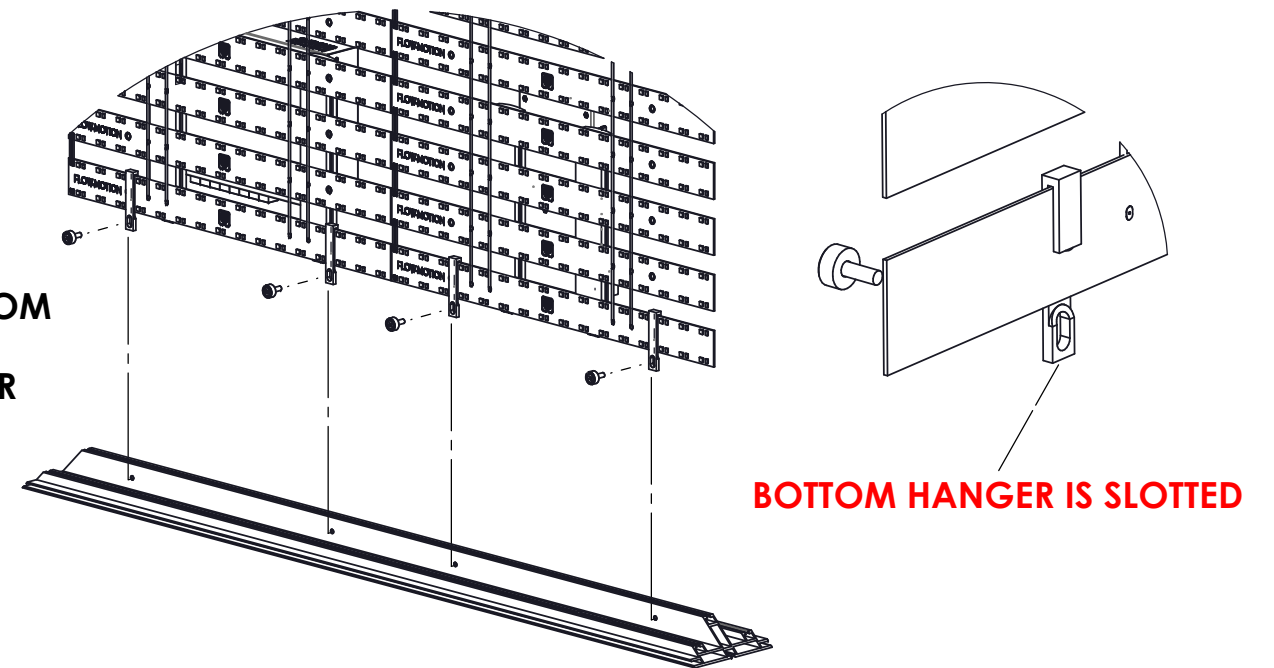
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SIZE B	DWG. NO.			REV. -02	
SCALE: N/A		DO NOT SCALE DRAWING		SHEET 1	

# 41" x 82" FLOW-MOTION LIGHT BOX FM4182-DS

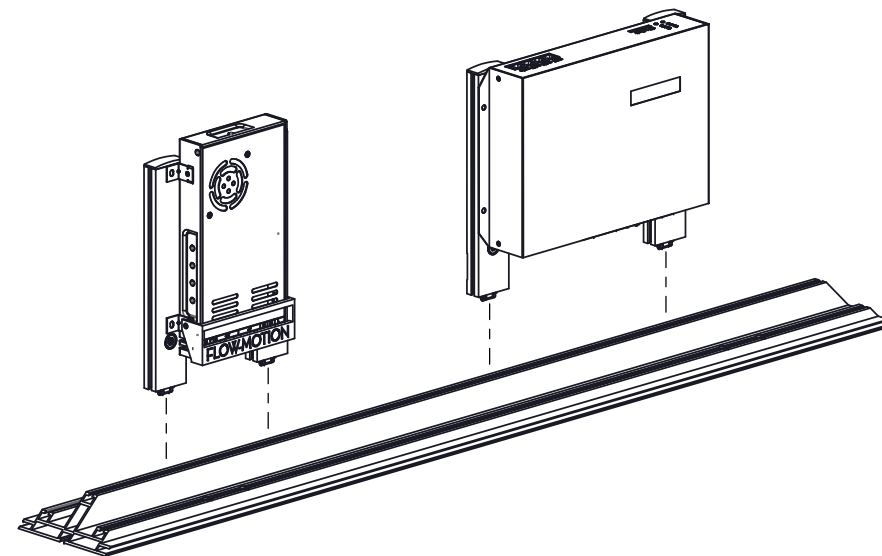


## STEP 8

INSTALL LED ARRAY PANEL BOTTOM SLOTTED ADJUSTMENT HANGERS AS SHOWN. ASSEMBLE TO FRAME BOTTOM WITH THUMB SCREWS AS SHOWN. BOTTOM HANGERS ARE SLOTTED FOR PANEL TENSION ADJUSTMENT AS REQUIRED.

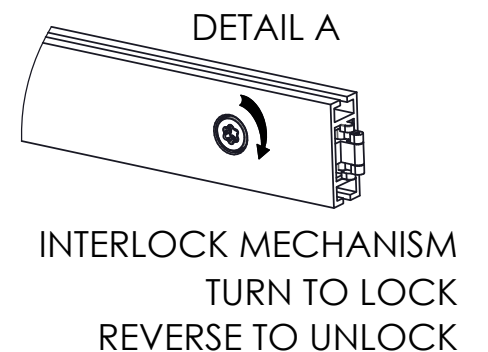


LED PANEL ARRAY INSTALLATION DETAILS  
REFER TO FRONT AND REAR VIEWS, PAGE 2



## STEP 9

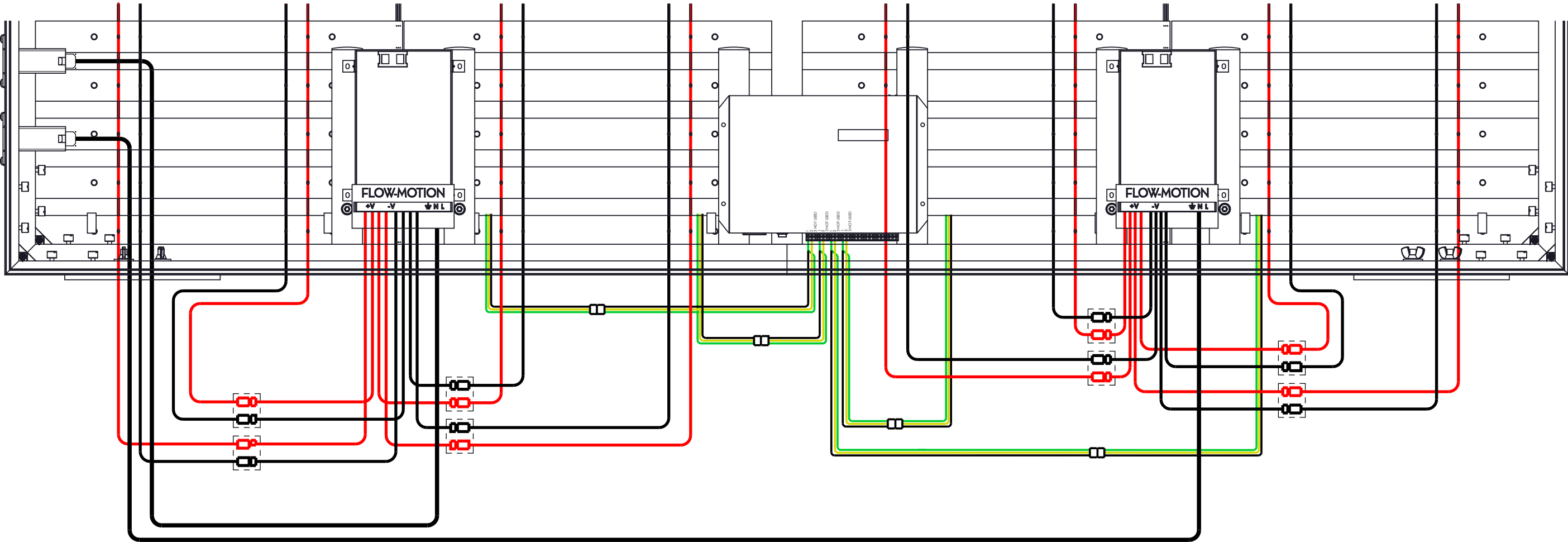
ASSEMBLE POWER SUPPLY AND CONTROLLER TO FRAME CENTER CHANNEL IN APPROXIMATE POSITIONS SHOWN USING INTERLOCK MECHANISM AS IN DETAIL A



Page 6

<b>FINISH:</b> MATERIAL: DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION 	THE DOCUMENT AND DATA DISCLOSED HEREIN OR HEREON IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE WITHOUT PERMISSION OF NIEDO GROUP, INC.
<b>NIEDO GROUP, INC.</b> <b>41" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS</b>		<b>5465 SW WESTERN AVE.</b> <b>BEAVERTON, OR 97005</b>	
SIZE <b>B</b>	DWG. NO. SCALE: NA	REV. <b>-02</b>	SHEET <b>1</b>

80.5" x 82" FLOW-MOTION LIGHT BOX  
FM8182-DS



POWER SUPPLY / CONTROLLER INTERCONNECT DIAGRAM

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				NIEDO GROUP, INC. 5465 SW WESTERN AVE. BEAVERTON, OR 97005	
				81" X 82" FLOW-MOTION LIGHT BOX SET UP INSTRUCTIONS	
SIZE B	DWG. NO.			REV. -02	
SCALE: NA		DO NOT SCALE DRAWING		SHEET	1



# Silicone Edge Graphics (SEG)

## Installation Instructions into hardware

### What are Silicone Edge Graphics (SEG)?

SEG are dye-sublimation fabric graphics with silicone strips sewn along the underside of the fabrics edge. SEG frames have grooves along their perimeter designed to snugly hold the silicone strips so the fabric can be stretched across the frame for a drum-tight fit.



### We recommend laying the frame on the floor, then draping the fabric graphic on top.

The following procedure ensures the silicone edge will be place evenly over the entire frame and NOT STRETCH or GROW at the corners. Once all the edges have been secured, you should have a taut fit with a smooth flat finish.

#### 1: With Clean Hands,

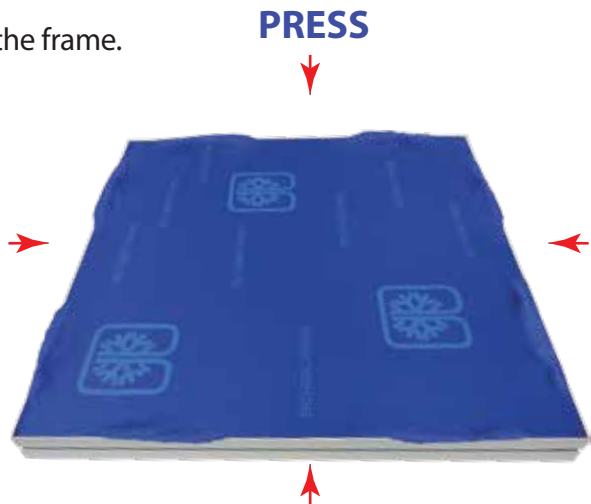
Press SEG silicone edge first, into the corners of the frame.



#### 2: Working in Centers.

Go back and press the silicone edge into the center - on eachside of the frame.

EXAMPLE: A 20"x20" fabric/frame would be pressed in 8 locations.



REVISED 03/2016

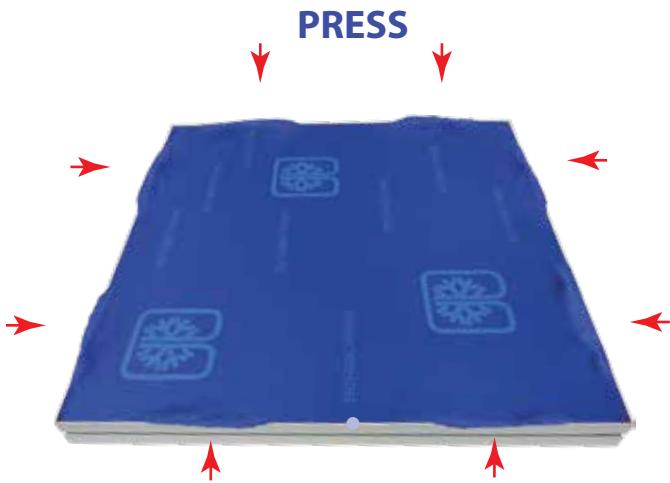
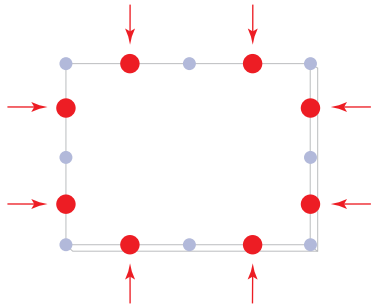
Cont'd.

#### 3: Working in Centers again,

Go back and press the silicone edge once again on each side previous center, on all 4 sides.

Repeat this process, (WORKING IN CENTERS) until the SEG fabric's edge is pressed aproximately every 6 inches apart.

EXAMPLE: A 8' x 8' frame (using this procedure) will have been pressed/tucked 15 times (not including corners) on each side of the frame.



#### 4: After all has been pressed into your frame using

this procedure, lightly tap your forefinger to smooth fabric between the tucks.



### CARE INSTRUCTIONS

Due to the fine quality, smoothness and weave of the fabric, great care must be taken to extend the life of your SEG fabric graphics.

We recommend very loosely folding your graphic, making sure there are no hard creases or folds or that the fabric doesn't catch on sharp obects.

Store in a clean bag.  
A plastic bag or pillow case is ideal.  
Graphics can also be spot cleaned with a damp cloth.

To wash entire graphic, use a commercial size front loading washing machine on gentle cycle with cool water. Do NOT dry clean.

You can also gently iron the back side using the Polyester setting of your iron.



REVISED 04/2016