

# Custom Fusion Plus 20x20 Design 9

TensionLite Design Custom Fusion Plus provides an unparalleled dynamic that elevates and accentuates a message and brand, but also maximizes the return on trade show investment. Formulate Fusion is Origin's collection of 20ft x 20ft exhibit kits and custom solutions. A fusion of FORM, FABRIC and FUNCTION, these kits combine organic and architectural shapes with state-of-the-art zipper pillowcase dye-sublimated fabric graphics to create unique, dynamic and functional island space.



We are continually improving and modifying our product range and reserve the right to vary the specifications without prior notice. All dimensions and weights quoted are approximate and we accept no responsibility for variance. E&OE. See Graphic Templates for graphic bleed specifications.

06/07/2016

## features and benefits:

- Aluminum tube frame
- Kit includes frame, dye-sublimated graphics
- (2) wood counter cabinets
- Lifetime hardware warranty against manufacturer defects

## dimensions:

Hardware	Graphic
<p>Assembled unit: 227.25" w x 168" h x 216.5" d 5772mm(w) x 4267mm(h) x 5500mm(d)</p> <p>Approximate weight with cases: 1068 lbs / 484 kgs</p>	<p>Refer to related graphic template for more information.</p>
Shipping	
<p>Packing case(s): 1 WOODCRATE-V 1 HALF-WOODCRATE</p> <p>Shipping dimensions: WOODCRATE-V: 101.4" l x 48" w x 43.5" h 2576mm(l) x 1219mm(w) x 1105mm(h)</p> <p>HALF-WOODCRATE: 100.75" l x 52.75" w x 31" h 2559mm(l) x 1340mm(w) x 787mm(h)</p> <p>Approximate total shipping weight (includes cases &amp; graphics): 1156 lbs / 524 kgs</p>	<h3>additional information:</h3> <p>Graphic material: dye-sublimation zipper pillowcase fabric</p> <p>Wood Finish Options</p> <div><div></div><div></div><div></div><div></div></div> <div><div>silver</div><div>black</div><div>mahogany</div><div>natural</div></div>

# Included in Your Design

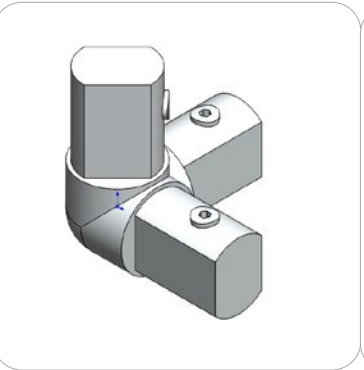
Tools, Components, Connectors, & Extrusions



ALLEN KEY SET x1



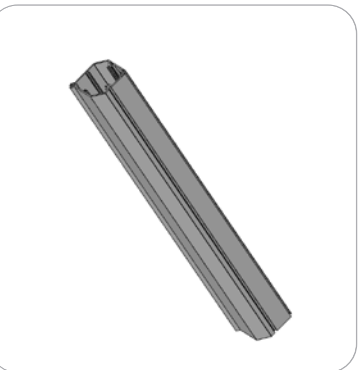
ES50 x63



ES50-3W x8



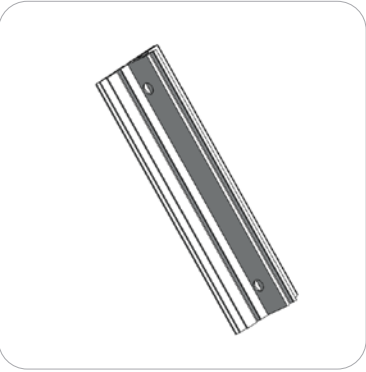
PMFC4-90-2329-A165-A165 x8



PMFC4-90-893-A165-A165 x8



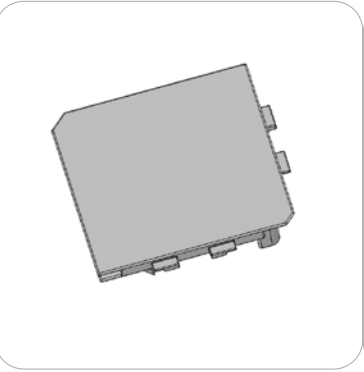
PM4D-300-TG x8



PHFC4-300-L-L x8



PHFC4-1300-L-L x8



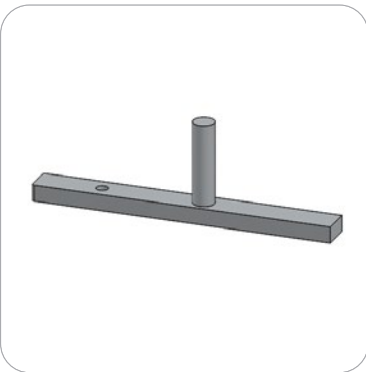
PMFC4-90-CAP x16



PH1-300-S-S x8



PH1-1300-S-S x8



DTC BRACKETS x4



THUMBSCREW 8-32x1/2" x2



1/2-20 WINGNUT x4

# Included in Your Design

Tubes



CFAB-K-09-T1 x4



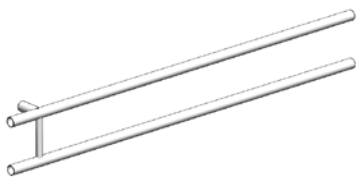
CFAB-K-09-T2 x2



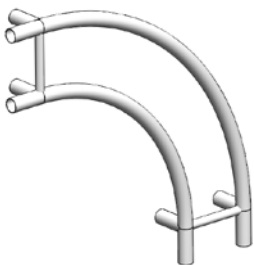
CFAB-K-09-T3 x4



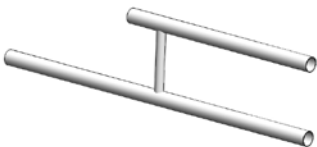
CFAB-K-09-T4 x2



CFAB-K-09-T5 x1



CFAB-K-09-T6 x1



CFAB-K-09-T7 x2



CFAB-K-09-T8 x2



CFAB-K-09-T9 x2



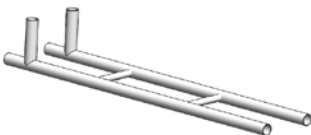
CFAB-K-09-T10 x6



CFAB-K-09-T11 x6



CFAB-K-09-T12 x2



CFAB-K-09-T13 x2



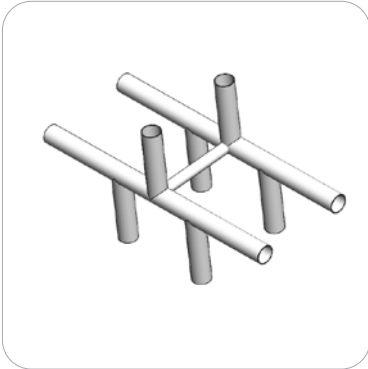
CFAB-K-09-T14 x2



CFAB-K-09-T15 x2

# Included in Your Design

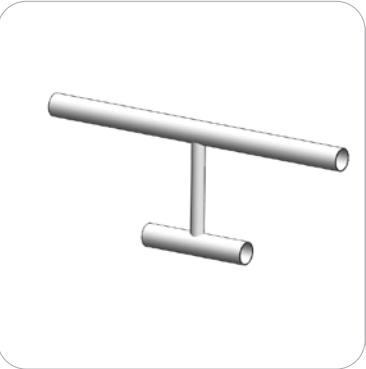
Tubes



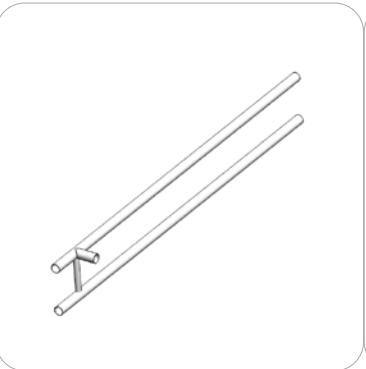
CFAB-K-09-T16 x1



CFAB-K-09-T17 x1



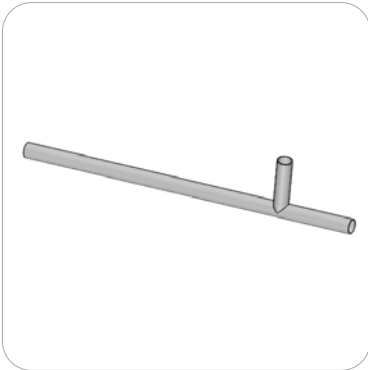
CFAB-K-09-T18 x1



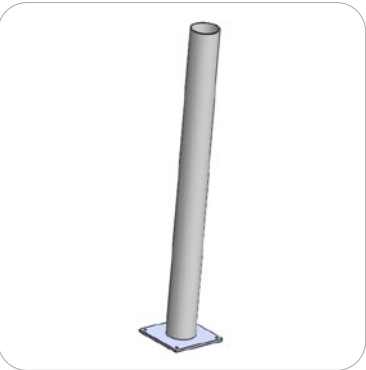
CFAB-K-09-T19 x1



CFAB-K-09-T20 x1

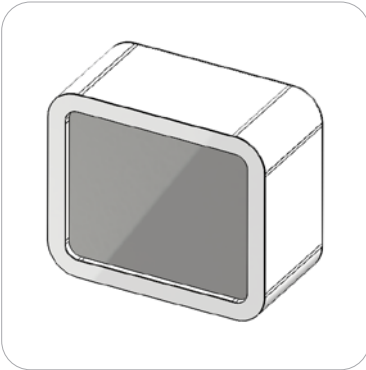


CFAB-K-09-T21 x2

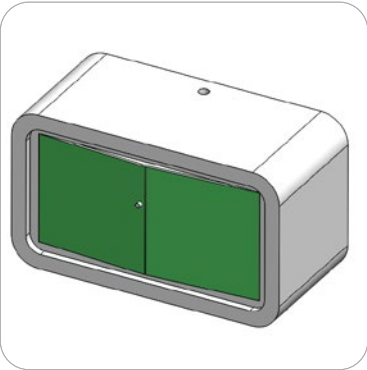


CFAB-K-09-T22 x2

Counters

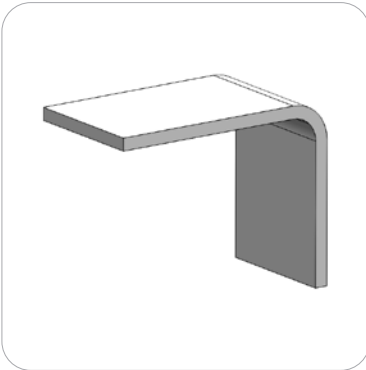


REC-42 x1

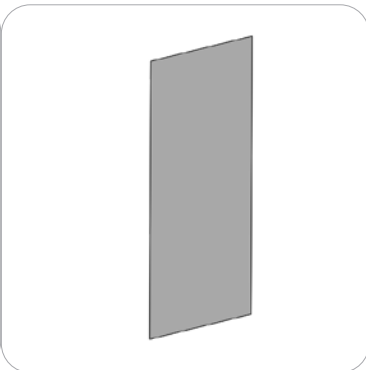


REC-53 x1

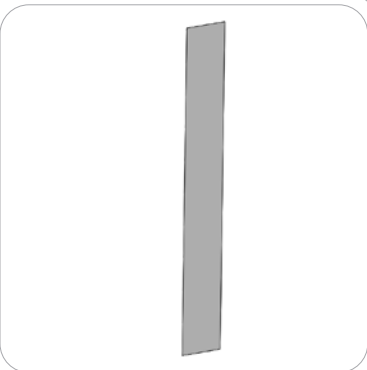
Graphics



CFAB-K-09-A-G x1

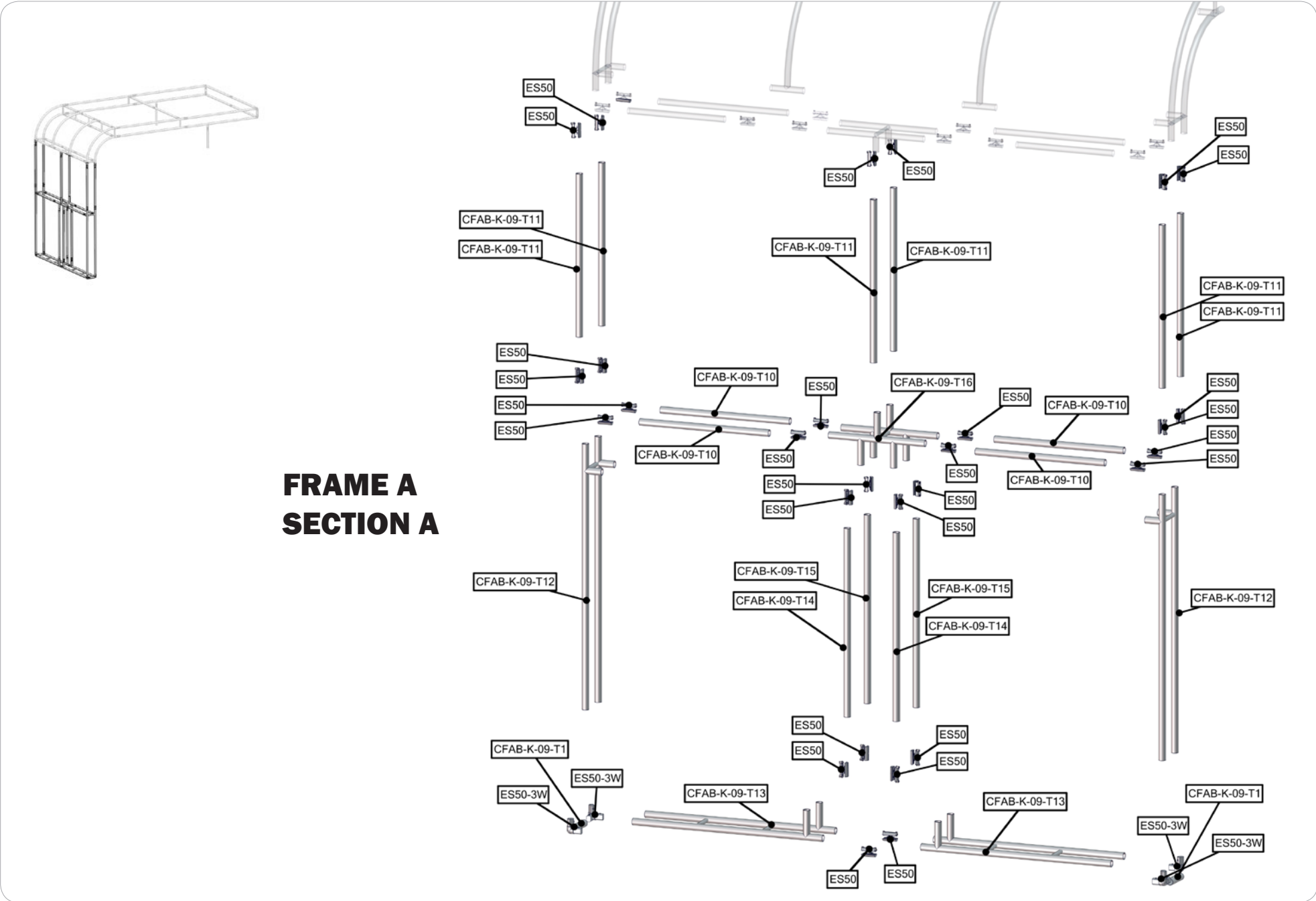


CFAB-K-09-B-G x4



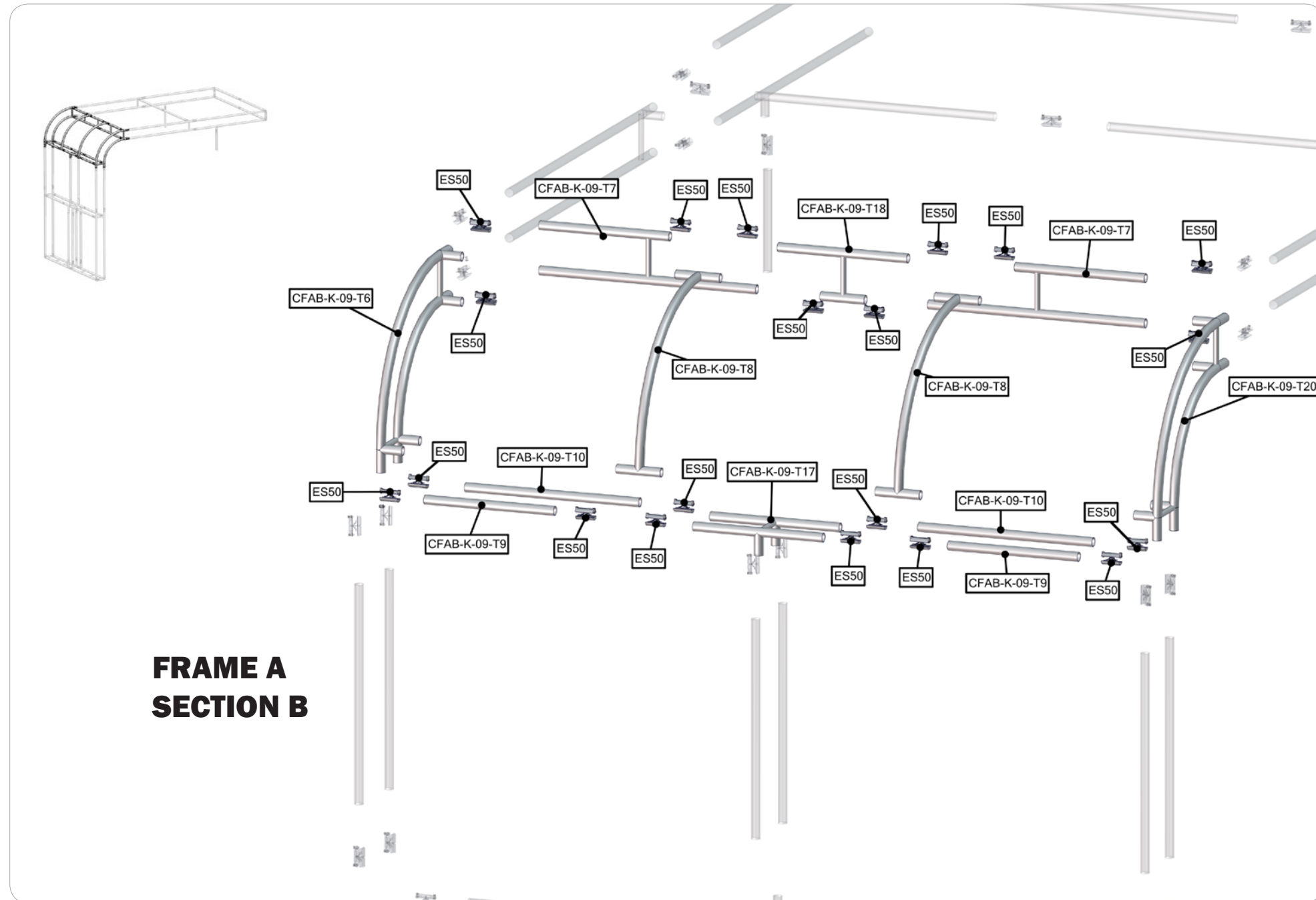
CFAB-K-09-C-G x4

# Exploded View

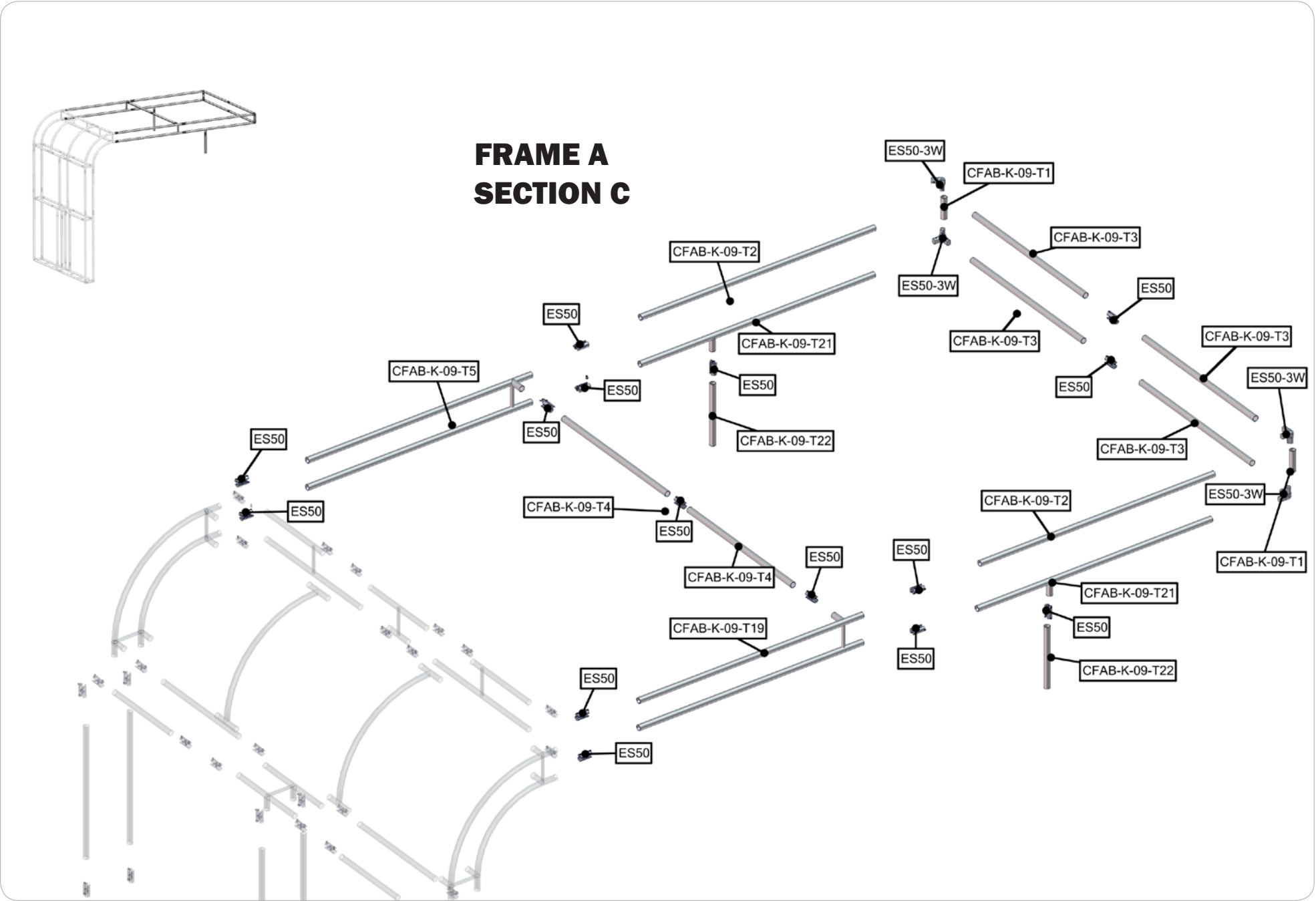


**FRAME A**  
**SECTION A**

# Exploded View



# Exploded View



[illegible]

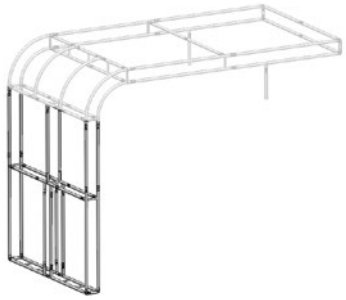
**FRAME B**

The diagram illustrates the exploded view of FRAME B, showing the following components and their assembly points:

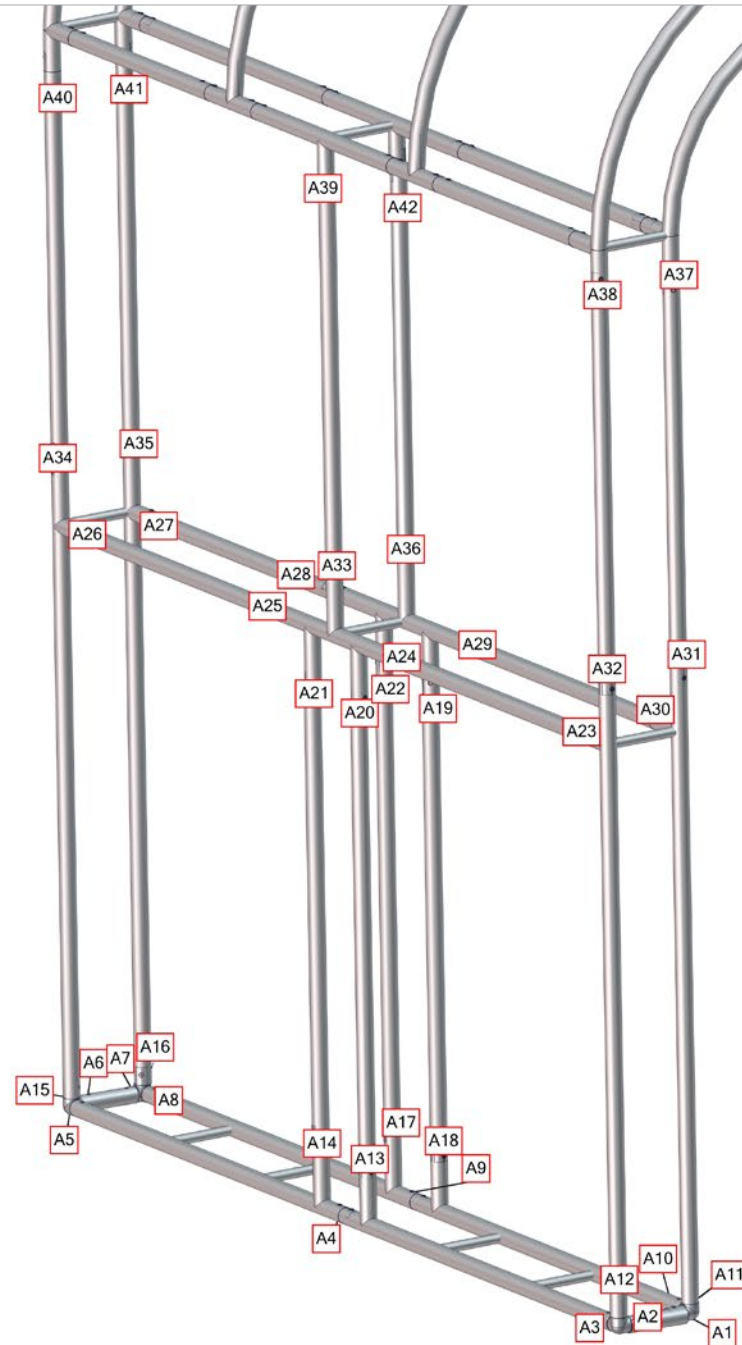
- PMFC4-90-CP**: Corner plates for the top and bottom corners.
- PHFC4-300-L-L**: Long horizontal frame members.
- PHFC4-1300-L-L**: Long horizontal frame members.
- PH1-300-S-S**: Short vertical frame members.
- PH1-1300-S-S**: Short vertical frame members.
- PMFC4-90-893-A165-A165**: Intermediate vertical frame members.
- PM4D-300-TG**: Telescopic guides for the vertical frame members.
- PMFC4-90-2393-A165-A165**: Intermediate vertical frame members.
- PH1-300-S-S**: Short vertical frame members.
- PH1-1300-S-S**: Short vertical frame members.
- PMFC4-90-CP**: Corner plates for the top and bottom corners.
- PHFC4-300-L-L**: Long horizontal frame members.
- PHFC4-1300-L-L**: Long horizontal frame members.



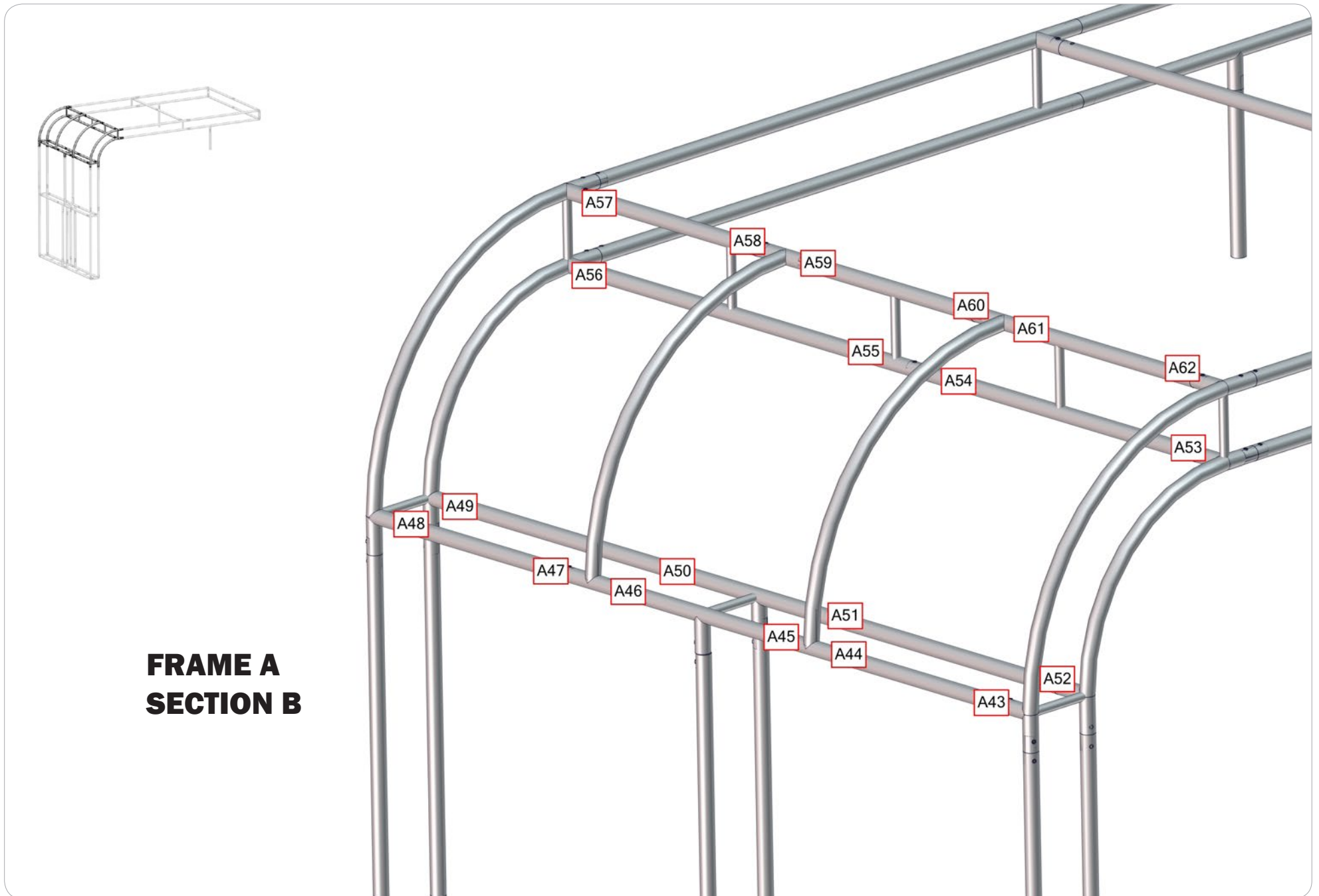
# Labeling Diagram



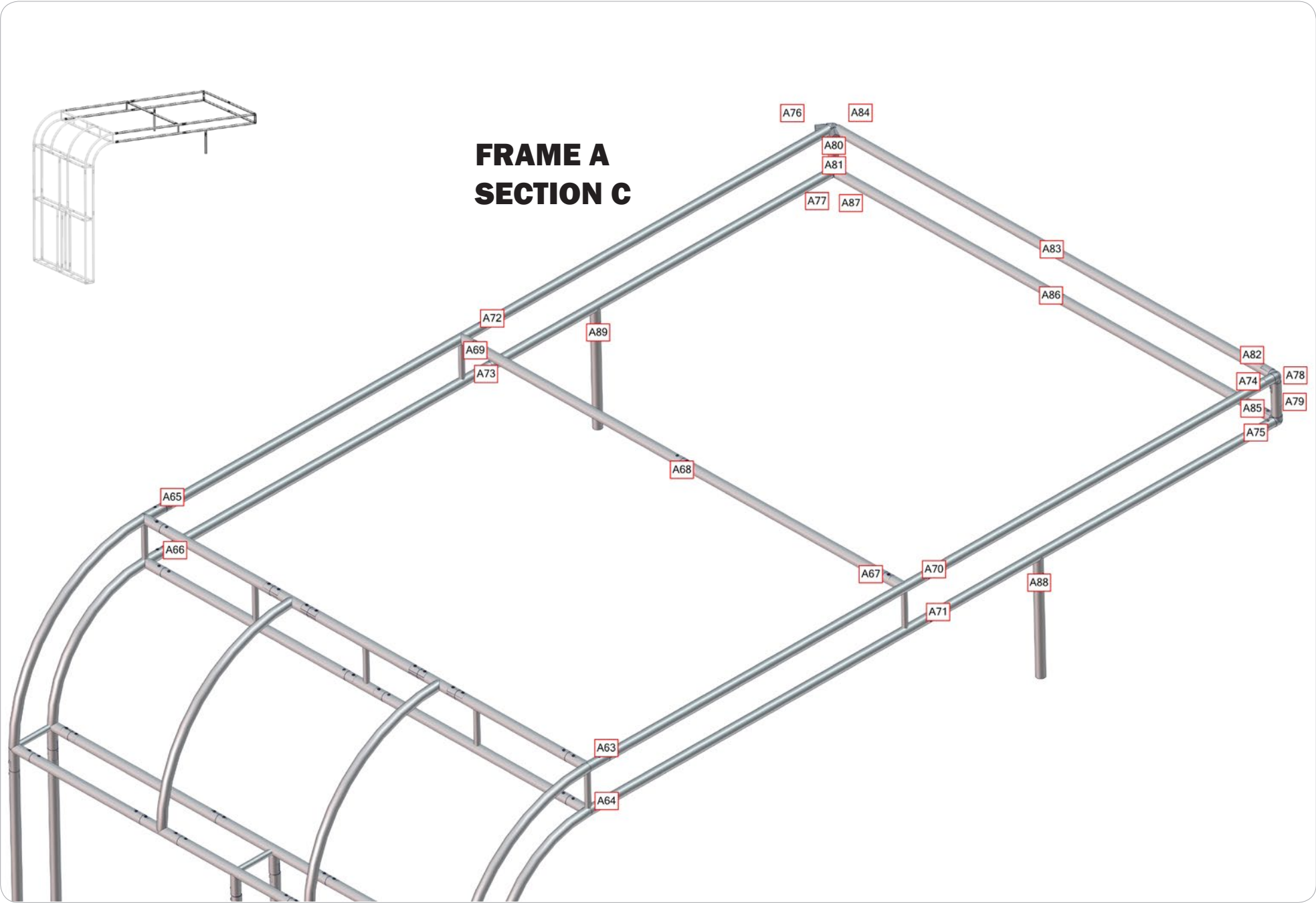
**FRAME A**  
**SECTION A**



# Labeling Diagram



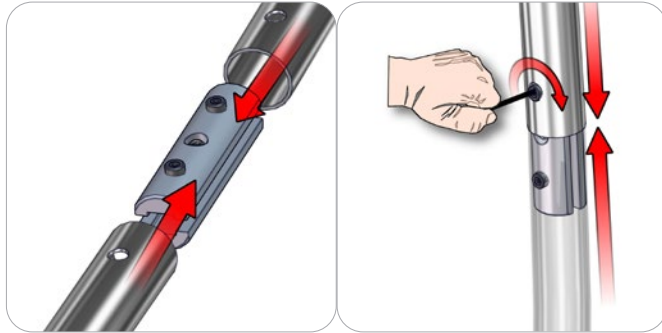
# Labeling Diagram



# Connection Methods

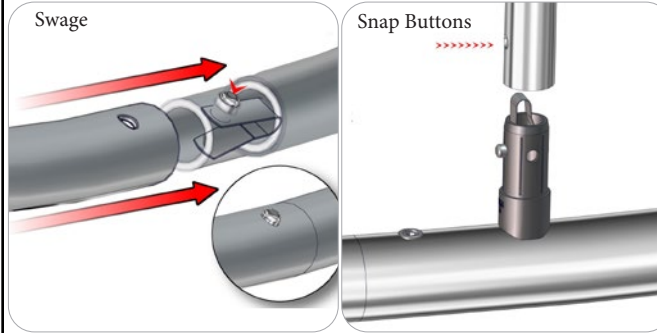
TensionLite structures use a number of different yet simple connection methods. Your kit will include one or more of the connection methods shown below. Steps within the Kit Assembly will reference a specific method for each connection point.

## Connection Method 1: ES30 / ES50 / ES75



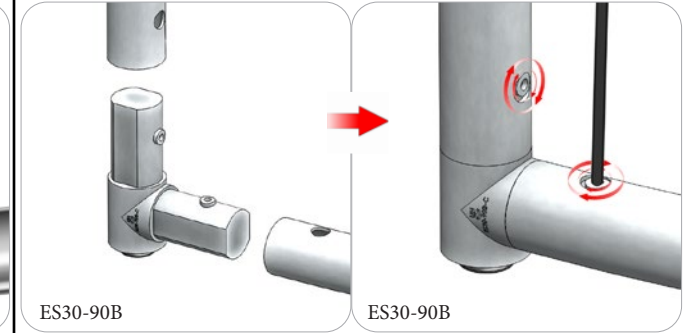
Compress the unlocked connector and slide one tube onto each end. Lock both screws carefully using your allen key tool. Be sure to lock securely, but do not overtighten.

## Connection Method 2: Snap Buttons & Swage



Locate the snap button on the connector or swage tube. Locate the hole on the corresponding tube. Press the snap button with your thumb and slide the tube and connector together so that the snap button snaps fully into the lock hole. To disassemble, press the snap button and pull apart.

## Connection Method 3: ES30-90B / ES30-I / ES30-C



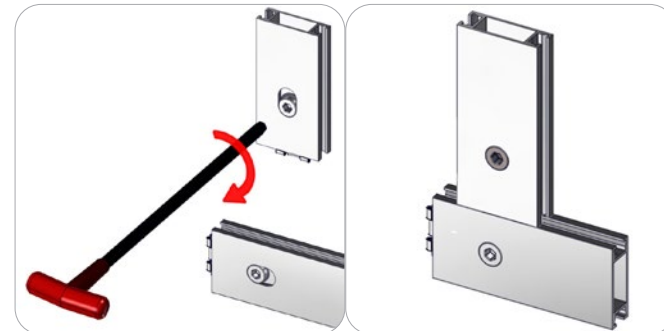
Compress one unlocked end of the connector and slide it through one tube end. Compress the other end of the connector and slide the second tube on. Lock both screws carefully using your allen key tool. Be sure to lock securely, but do not overtighten.

## Connection Method 4: Tube Clamps



Be sure to fully assemble all frames before using clamps. With the clamp unlocked, place one tube of the first frame into the mouth of the clamp. Place the second tube (if applicable) into the second mouth of the clamp. With both frame's tubes in the clamp, be sure to lock securely, but do not overtighten.

## Connection Method 5: Cam Lock / Slide Lock



A cam lock equipped extrusion can lock to any cam lock channel. With the cam lock unlocked, set the teeth of the cam lock into the desired position on the cam lock channel. Using your allen key tool, carefully turn the lock clockwise to lock in place. Be sure to lock securely, but do not overtighten.

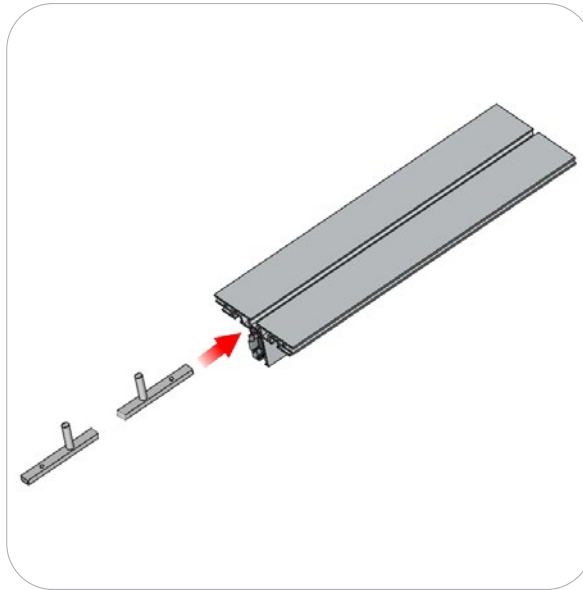
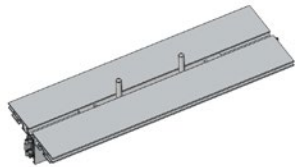
# Design Assembly

## Step by Step

### Step 1.

Begin by selecting (2) PHFC4-300-

L-L and sliding your DTC brackets through the center channel. These extrusions will become the inner, top extrusions for your Frame B towers. Be sure to orient your DTC brackets as shown in the image to the right.



### Step 2.

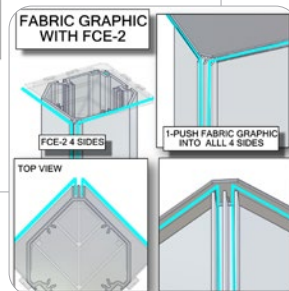
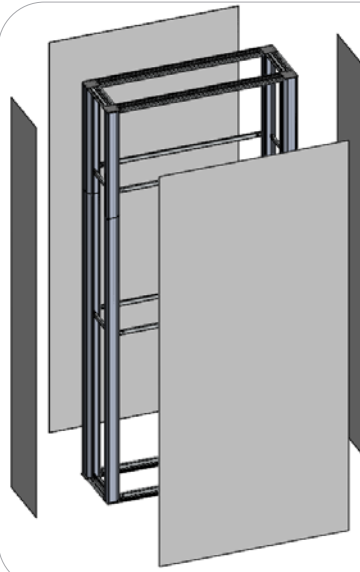
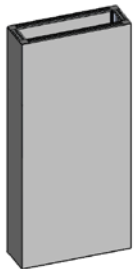
Assemble (2) Frame B. Be sure to use the two PHFC4-300-L-L on the top of your towers. Assemble from bottom to top using the Exploded View page as reference.

Please reference Connection Method 5 for more details.



### Step 3.

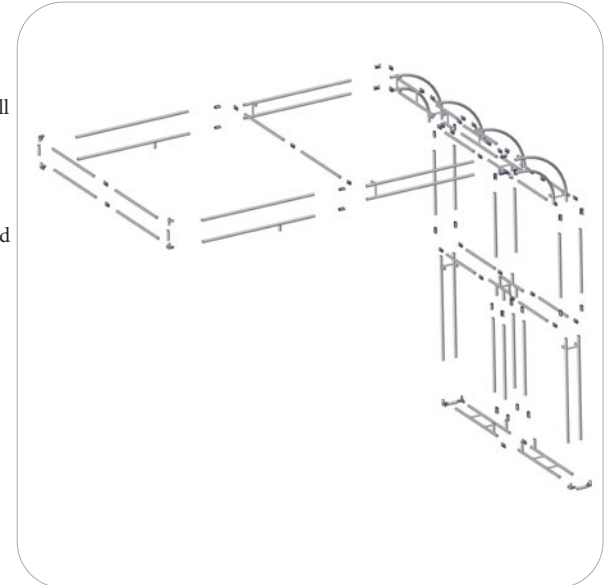
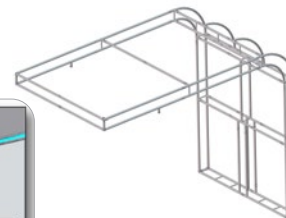
Apply your graphics to Frame B towers. Each tower will need (2) CFAB-K-09-B-G and (2) CFAB-K-09-C-G. Push fit the edges of your graphics into the graphic channels in the extrusions.



### Step 4.

Assemble Frame A. Do not attach your CFAB-K-09-T22 tubes. We will add these tubes in a later step. Assemble in the order the Labeling Diagram pages instruct.

Please reference Connection Method 1.



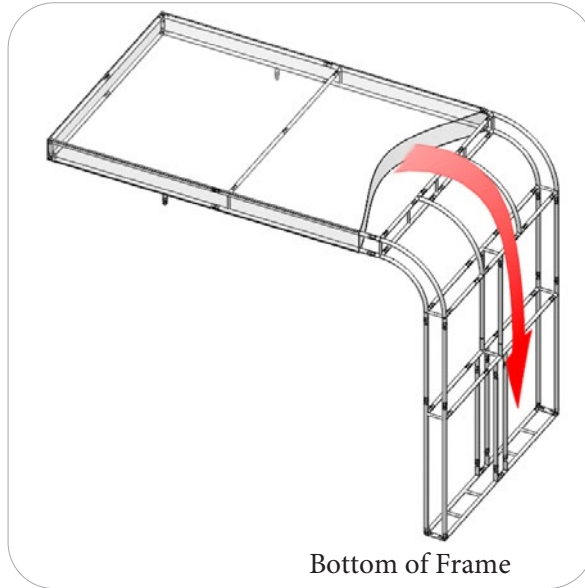
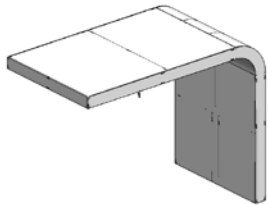


# Design Assembly

## Step by Step Step 5.

Pull your CFAB-K-09-A-G pillowcase over the canopy, be sure to allow the protruding tubes to poke through the holes of the graphic.

Zipper Located on the bottom of CFAB-K-09-A-G.

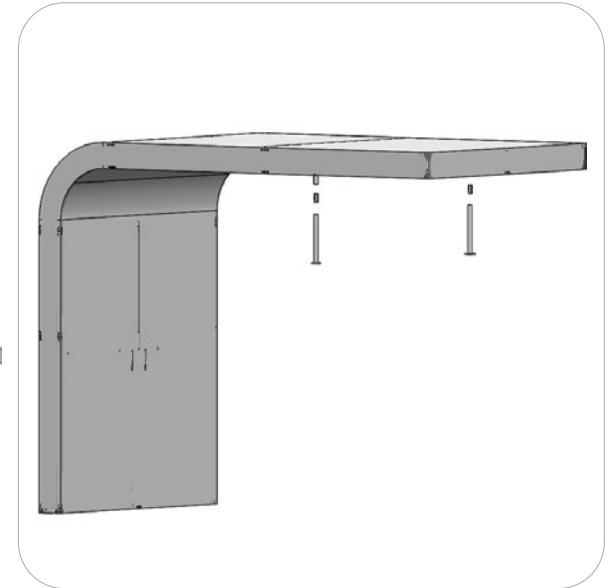
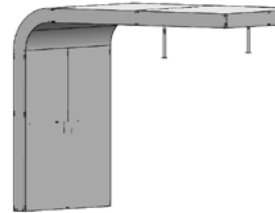


Bottom of Frame

## Step 6.

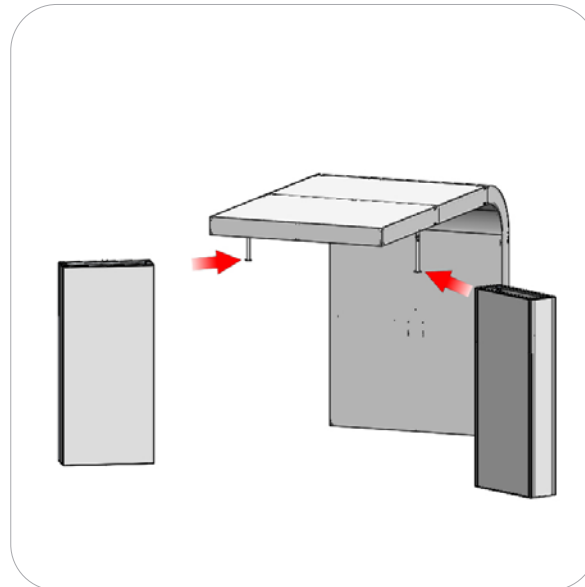
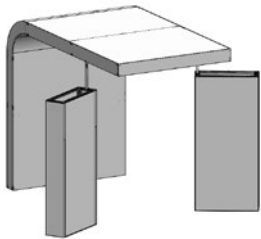
Attach your CFAB-K-09-T22 tubes to the frame using ES50 spigots.

Please reference Connection Method 1.



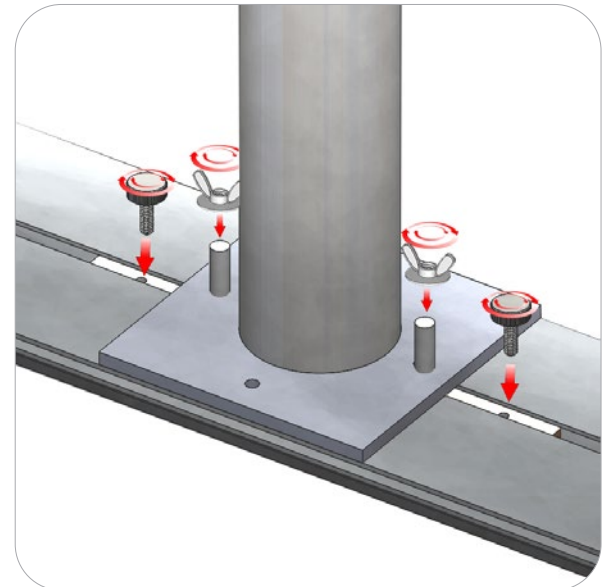
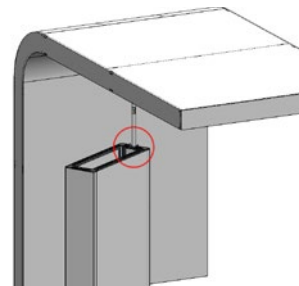
## Step 7.

Relocate your towers so that the plate on CFAB-K-09-T22 rests on the top of your towers.



## Step 8.

Lift up on the front of the canopy and allow the screws of your DTC brackets to slide through the holes of the plate. Use the provided thumbscrews and thread them into the holes of the DTC brackets, locking them into place. Use the provided wingnuts to lock the plate to the DTC brackets.



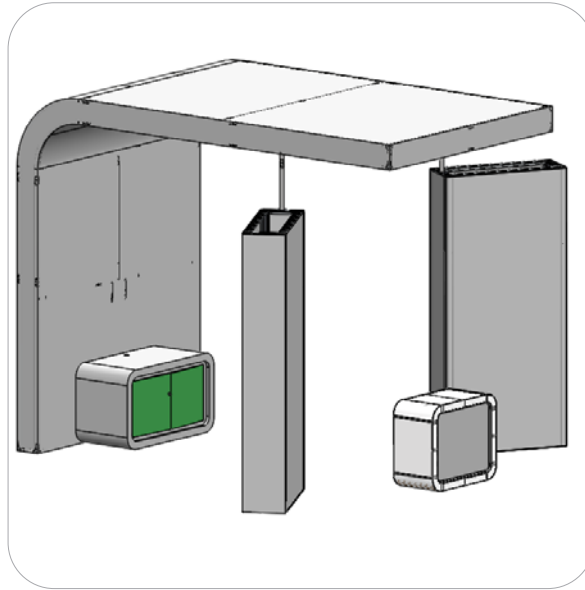
# Design Assembly

Step by Step

Step 9.

Place your counters with your assembled kit. The suggested configuration is shown in the image to the right.

Setup Complete



# Custom Fusion Plus Counter 09 Design 9

TensionLite Custom Fusion Plus counters feature accessible storage and locking doors. Purchased printed fabric graphics or rigid infill panels allow for your messaging and branding.



## features and benefits:

- White laminate cabinet
- UV graphic, printed on Sintra or on acrylic for back-lighting
- Locking storage door in back
- Easy step-by-step instructions
- Kit includes laminated cabinet, locking storage door, one vinyl graphic and one woodcrate case
- Lifetime hardware warranty against manufacturer defects

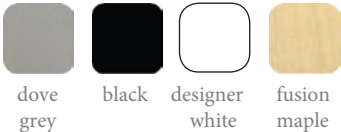
## dimensions:

Hardware	Graphic
<b>Assembled unit:</b> 46”w x 37.5”h x 23”d 1168.4mm(w) x 952.5mm(h) x 584.2mm(d)  Counter holds max weight 50 lbs / 22.68 kgs	<b>Total visual area:</b> Panel: 39”w x 30”h 990.6mm(w) x 762mm(h)  Please be sure to include a 2” bleed around the perimeter.  Refer to related graphic templates for more information
Shipping	
<b>Shipping dimensions - ships in 1 woodcrate: 1</b> WOODCRATE case: 56”l x 49”w x 42”h 1422.4mm(l) x 1244.6mm(w) x 1066.8mm(h)  Approximate shipping weight (entire kit): 370 lbs / 168 kgs	

## additional information:

**Graphic material:**  
UV graphic, printed on Sintra or acrylic for back-lighting

Laminate counter color options:



dove  
grey

black

designer  
white

fusion  
maple



# Custom Fusion Plus Counter 10 Design 9

TensionLite Custom Fusion Plus Modular counters feature accessible storage and locking doors. Purchased printed fabric graphics or rigid infill panels allow for your messaging and branding.



## features and benefits:

- White laminate cabinet
- UV graphic, printed on Sintra or on acrylic for back-lighting
- Locking storage door in back
- Easy step-by-step instructions
- Kit includes laminated cabinet, locking storage door, one vinyl graphic and one woodcrate case
- Lifetime hardware warranty against manufacturer defects

## dimensions:

Hardware	Graphic
<b>Assembled unit:</b> 64"w x 37.5"h x 30"d 1625.6mm(w) x 952.5mm(h) x 762mm(d)  Counter holds max weight 100 lbs / 45.35 kgs	<b>Total visual area:</b> 57.25"w x 30"h 1454.15mm(w) x 762mm(h)  Please be sure to include a 2" bleed around the perimeter.  Refer to related graphic templates for more information
Shipping	
<b>Shipping dimensions - ships in 1 woodcrate:</b> 1 WOODCRATE case: 72"l x 48"w x 39"h 1828.8mm(l) x 1219.2mm(w) x 990.6mm(h)  Approximate shipping weight (entire kit): 486 lbs / 220.4 kgs	

## additional information:

**Graphic material:**  
UV graphic, printed on Sintra or acrylic for back-lighting

Laminate counter color options:

