

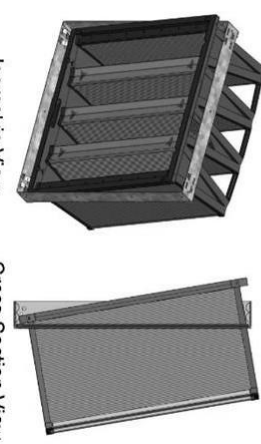
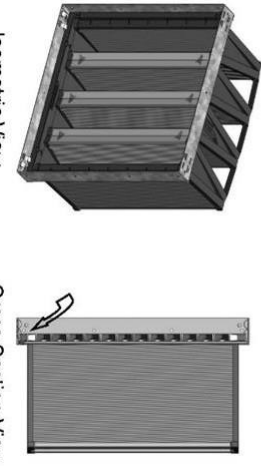
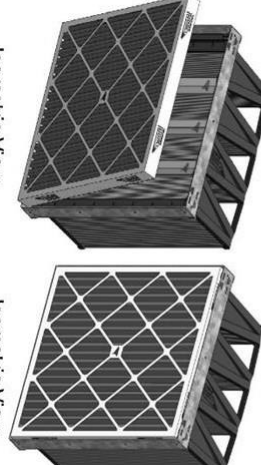
### FastFrame™

#### Quick Installation Sheet

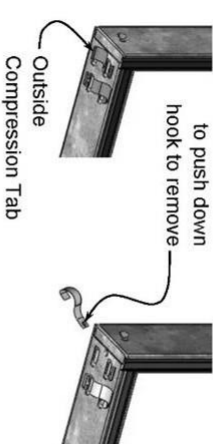
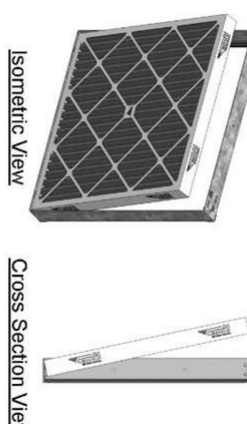
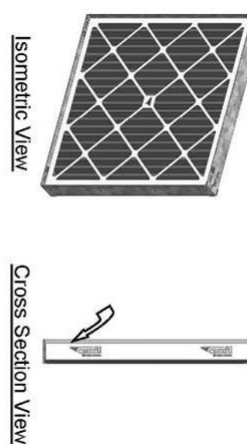


#### Filter Installation (Headered Filters with Optional 1", 2" or 4" Prefilters)

Note: The Camfil FastFrame is not intended to be used in applications where headered filters are installed in reverse direction applications, or with box style filters greater than 4" in depth. Even though the frames will accept these configurations, there is a safety concern with the cantilevered filters coming loose and falling out of the frame.

 <p><b>Isometric View</b> <b>Cross-Section View</b></p> <p>1. Justify the filter's bottom edge to back of frame, allowing the filter to rest on the compression tabs.</p>	 <p><b>Isometric View</b> <b>Cross-Section View</b></p> <p>2. While pressing down on the filter, compress the tabs and rock filter forward into place. Push and seat filter against gasket seal.</p>	 <p><b>Isometric View</b> <b>Isometric View</b></p> <p>3. Use the same method as previously shown to install prefilters. Some minor frame deflection is expected.</p>
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#### Filter Installation (1", 2" or 4" Beverage Board Filters Only)

 <p>Use screwdriver to push down hook to remove Outside Compression Tab</p> <p>1. Remove the outside four compression tabs from the frame, leaving only the inside 4. Compression tabs can be removed easily using a flat head screwdriver.</p>	 <p><b>Isometric View</b> <b>Cross-Section View</b></p> <p>2. When installing beverage board filters only, installation is the same as previously shown, after removal of outside 4 compression tabs.</p>	 <p><b>Isometric View</b> <b>Cross-Section View</b></p> <p>2. While pressing down on the filter, compress the tabs and rock filter forward into place. Push and seat filter against gasket seal. Some minor frame deflection is expected.</p>
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Rev. A 6/8/18

## FastFrame Installation

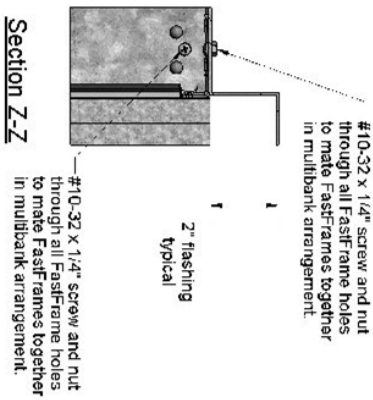
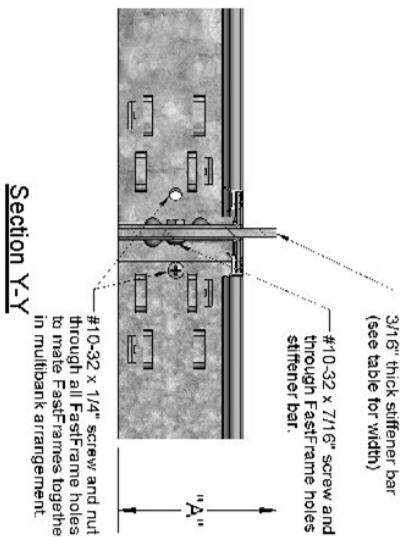
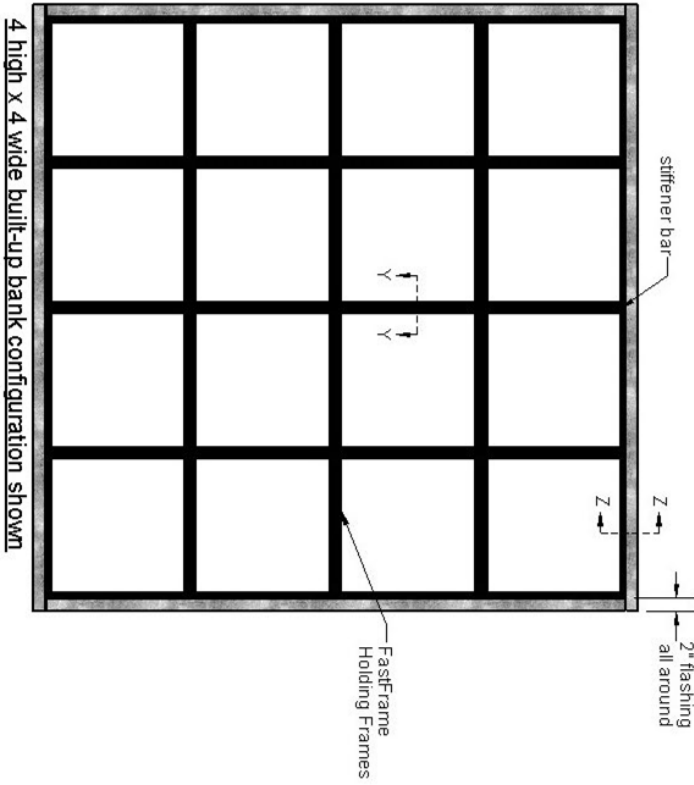
### FastFrame™

#### Built-Up Bank Installation Instructions

Stiffener Bar Size Table		
Number of Frames High	"A" (inches)	Stiffener Bar Thickness
2 1/2 - 4	3.50	3/16"
4 1/2 - 5	4.00	3/16"
5 1/2 - 6	4.50	3/16"
6 1/2 - 7	5.00	3/16"
7 1/2 - 8	5.50	3/16"

#### General Notes:

1. Stiffener bars, flashing, caulking and mounting hardware are supplied by others. Installer is to be fully responsible for the sealing integrity of built-up bank.
2. For proper sealing and strength, install fasteners in all mounting holes provided in the FastFrame. Caulking is required between all mounting holes to prevent air bypass, including FastFrame connections, flashing, stiffener bars and flashing to duct plenum.
3. For built up banks with 12 or more frames, install a 3/16" thick stiffener bar between every other column and fastened through all mounting holes on frames. Stiffener bar width to be as shown on the Stiffener Bar Size Table of this Drawing. Consult Camfil for banks exceeding 8 frames.
4. Differential pressure shall not exceed Camfil filters recommended final pressure drop.



Rev. A 6/8/18