

I-BEAM STABILIZER

⚠ WARNING: The fan should not be installed unless the structure on which the fan is to be mounted is of sound construction, undamaged, and capable of supporting the loads of the fan and the method of attachment to the structure. A structural engineer should verify that the structure is adequate prior to fan installation. Verifying the stability of the mounting structure is the sole responsibility of the customer and/or end user, and the manufacturer hereby expressly disclaims any liability arising therefrom, or arising from the use of any materials or hardware other than those supplied by the manufacturer or otherwise specified in these installation instructions.

Parts and hardware

- | | |
|------------------------|----------------------------------|
| (1) Stabilizer Plate | (4) 1/2-13 x 36" All-Thread Rods |
| (4) 1/2-13 Hex Nuts | (8) 1/2" Flat Washers |
| (4) 1/2-13 Nylock Nuts | (4) 1/2" Lock Washers |

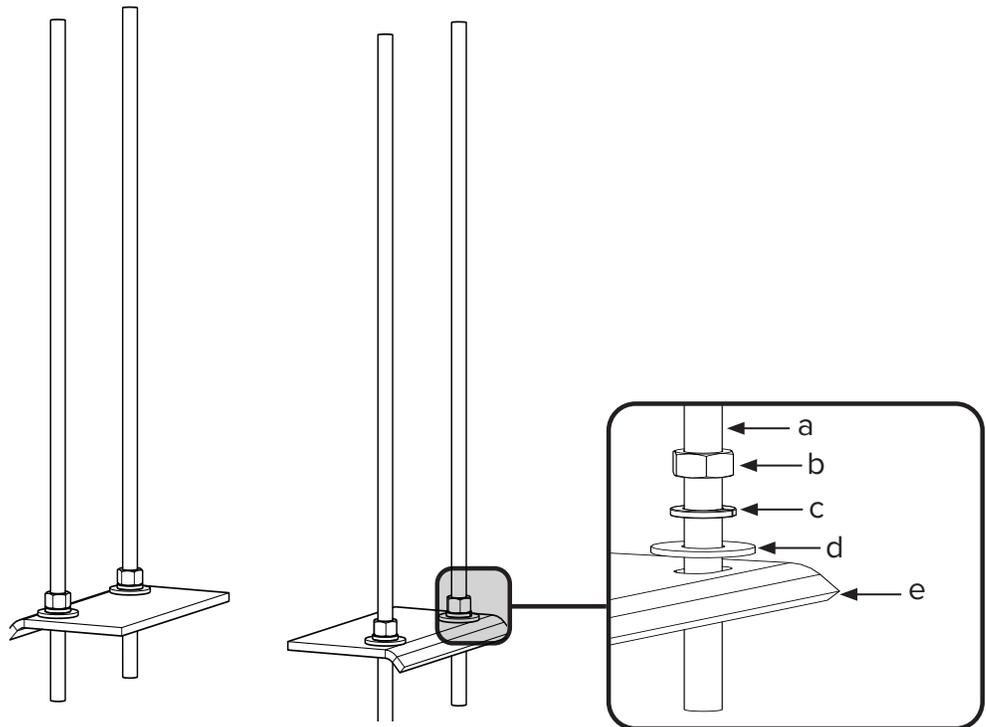
Installation

1. Prepare all-thread rods

Thread a nut onto an all-thread rod. Slide a lock washer, a standard washer, and a beam clamp onto the all-thread rod. Ensure enough length is available on the end of the all-thread rod to secure it to the I-beam and upper mount. Repeat on the remaining all-thread rods.

All-Thread Rod Hardware:

- (4) 1/2-13 x 36" All-Thread Rods
- (4) 1/2-13 Hex Nuts
- (4) 1/2" Lock Washers
- (4) 1/2" Flat Washers
- (2) Beam Clamps



2. Attach upper mount

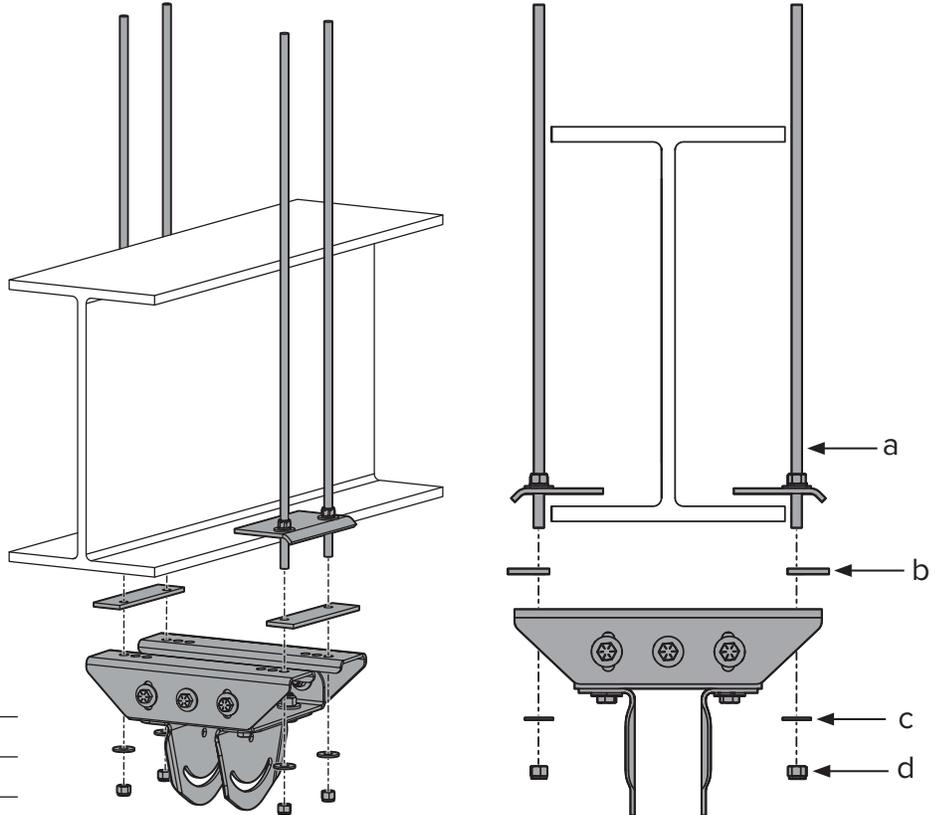
CAUTION: Install the spacers only if the thickness of the I-beam flange exceeds 3/8" (10 mm). The mounting holes on the spacer are closer to one side than the other. Make sure this side is facing the I-beam.

Measure the flange width of the I-beam from which the fan will be hung. Select the upper mount mounting holes that match the flange width of the I-beam. Secure the upper mount to the I-beam with the Upper Mount Hardware. Tighten the nuts to **40 ft·lb (54.2 N·m)** using a torque wrench and 3/4" socket.

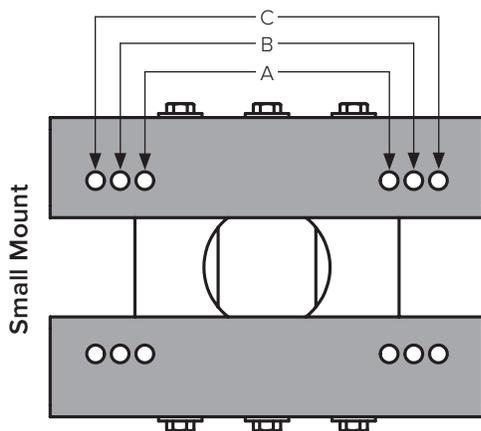
Note: Use the all-thread rod (instead of the bolts packaged with the fan) to secure the upper mount to the I-beam.

Upper Mount Hardware:

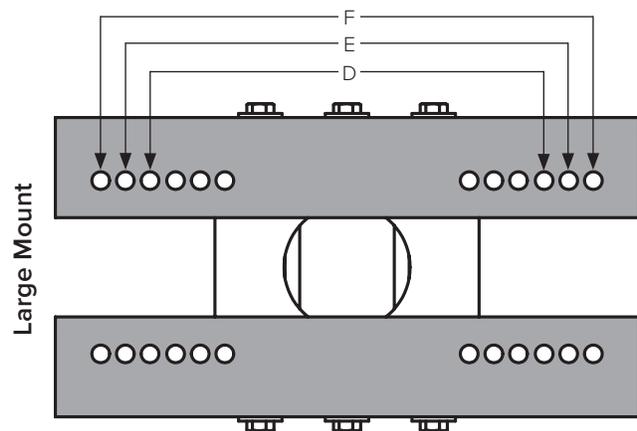
- a. (4) Prepared All-Thread Rod
- b. (2) Spacer (optional)
- c. (4) 1/2" Flat Washer
- d. (4) 1/2-13 Nylock Nut



Mounting Holes	I-Beam Flange Width
A	5–6-5/8 in. (127–168 mm)
B	> 6-5/8–8-1/4 in. (> 168–210 mm)
C	> 8-1/4–9-7/8 in. (> 210–251 mm)
D	> 9-7/8–11-3/8 in. (> 251–289 mm)
E	> 11-3/8–13 in. (> 289–330 mm)
F	> 13–14-5/8 in. (> 330–371 mm)



13-3/4 x 9-1/2 in. (349 x 241 mm)



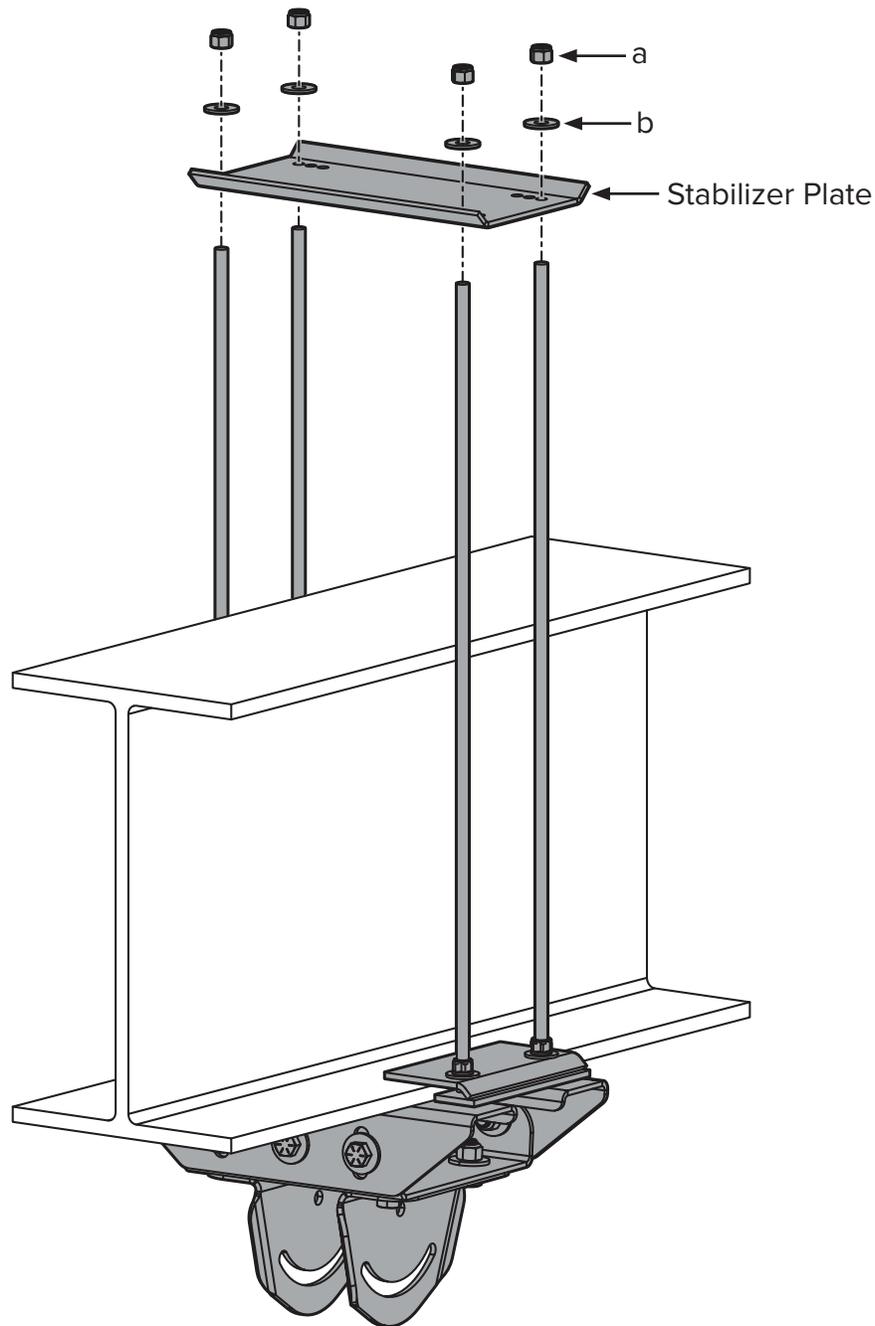
18-1/2 x 9-1/2 in. (470 x 241 mm)

3. Attach stabilizer plate

Secure the stabilizer plate to the other end of the all-thread rods with the Stabilizer Plate Hardware. Tighten the nuts to **40 ft·lb (54.2 N·m)** using a torque wrench and 3/4" socket. If desired, cut any excess all-thread rod.

Stabilizer Plate Hardware:

- a. (4) 1/2-13 Nylock Nuts
- b. (8) 1/2" Flat Washers





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