

# CIRCULATING FAN VARIOUS MOUNTING INSTRUCTIONS



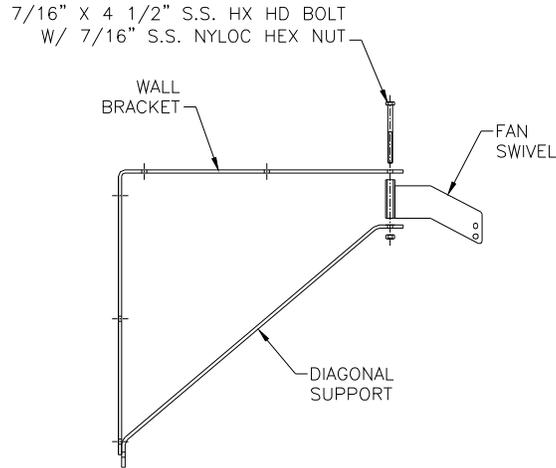
## OVERVIEW

This manual will cover all of the various mounting hardware and the methods used to install these variations. It is the responsibility of the installer to select suitable fasteners and washers to attach the mounting brackets to the framing members of the building.

## WALL BRACKET INSTALLATION

### Step WB1.

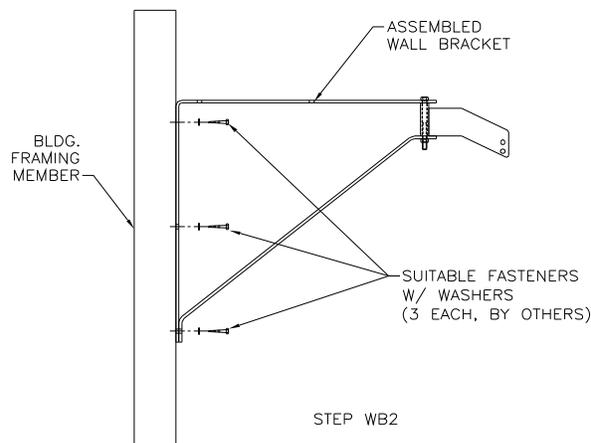
Identify and preassemble the wall bracket, diagonal support & fan swivel with the 7/16" x 4 1/2" S.S. Hx. Hd. bolt & S.S. nyloc hex nut (provided with bracket) as shown below.



STEP WB1

### Step WB2.

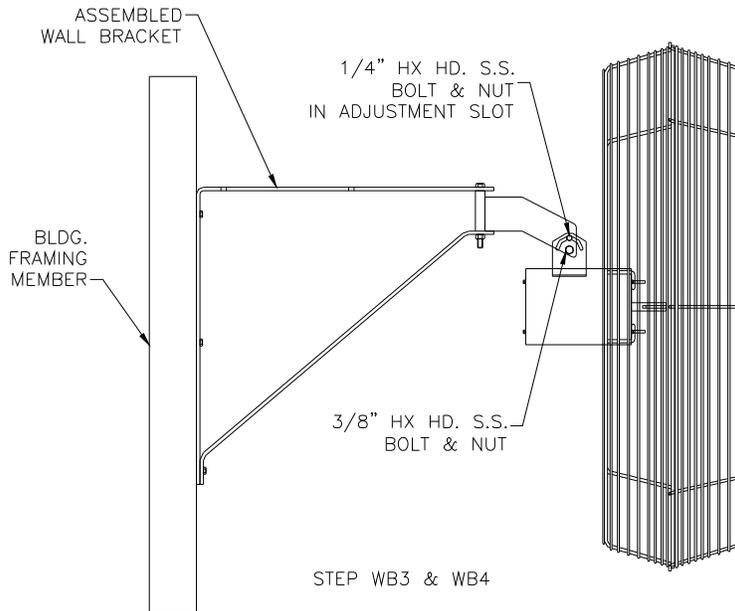
Attach the preassembled wall bracket to the wall in the desired position using suitable fasteners (by others). The bottom fasteners must be insert through both the wall bracket and the diagonal support. Make certain that these fasteners are installed centered into 2 X framing members.



STEP WB2

**Step WB3.**

Attach the fan to the wall bracket using a 3/8" x 1" Hx. Hd. S.S. bolt (Part # MH90191), nut (Part # 90018) and washers (Part # MH8031) through the lower hole on the motor yoke and swivel flag of the wall bracket. Do not tighten at this time.



**Step WB4.**

Insert a 1/4-20 x 1" Hx. Hd. S.S. bolt (Part # MH90168) with washers (Part # MH8029) through the adjustment slot and attach a 1/4-20 nut (Part # MH90043). Adjust the fan to the desired tilt and tighten the 1/4-20 bolt and nut securely. Now tighten the 3/8" bolt and nut securely.

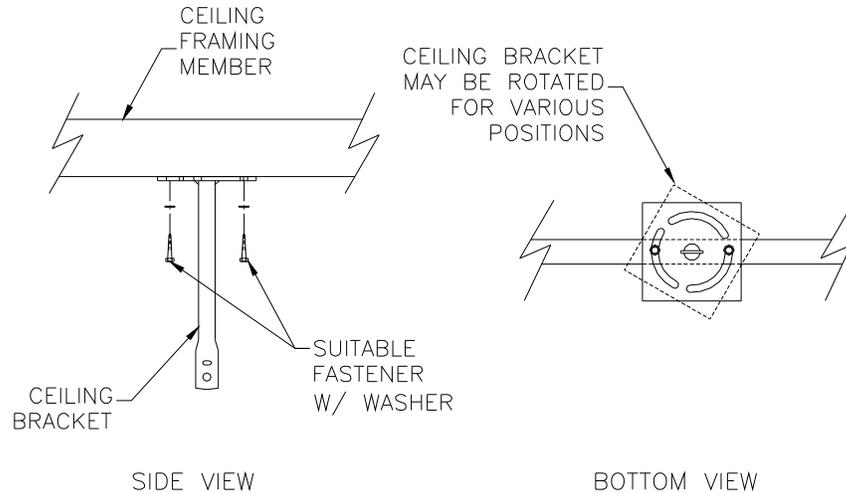
## CEILING BRACKET INSTALLATION

### Step CB1.

Locate and identify the ceiling bracket and hardware needed. You will need to provide the suitable fastener hardware needed to mount the ceiling bracket to the ceiling.

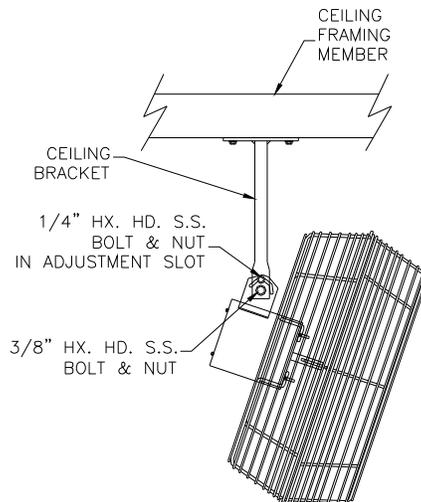
### Step CB2.

Mount the ceiling bracket to the ceiling using two suitable fasteners with washers. Make certain the fasteners are screwed into the center of the 2X framing members. Rotate the ceiling bracket to the desired direction and tighten the fasteners securely.



### Step CB3.

Attach the fan to the ceiling bracket using a 3/8" x 1" Hx. Hd. S.S. bolt (Part # MH90191), nut (Part # 90018) and washers (Part # MH8031) through the lower hole on the motor yoke and ceiling bracket. Do not tighten at this time.



### Step CB4.

Insert a 1/4-20 x 1" Hx. Hd. S.S. bolt (Part # MH90168) with washers (Part # MH8029) through the adjustment slot and attach a 1/4-20 nut (Part # MH90043). Adjust the fan to the desired tilt and tighten the 1/4-20 bolt and nut securely. Now tighten the 3/8" bolt and nut securely.

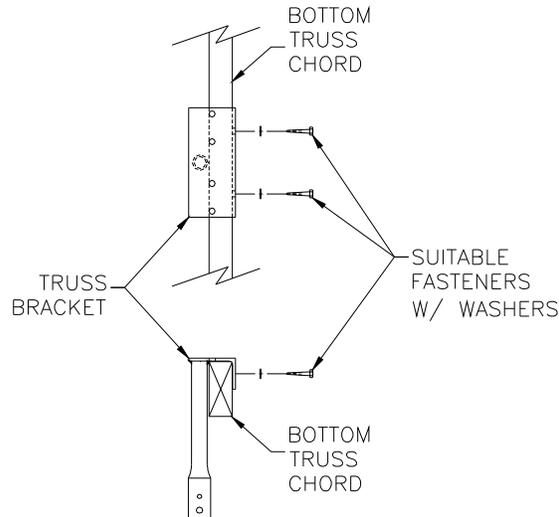
## TRUSS BRACKET INSTALLATION

### Step TB1.

Locate and identify the truss bracket and hardware needed. You will need to provide suitable fastener hardware needed to mount the truss bracket to the bottom truss chord of the building.

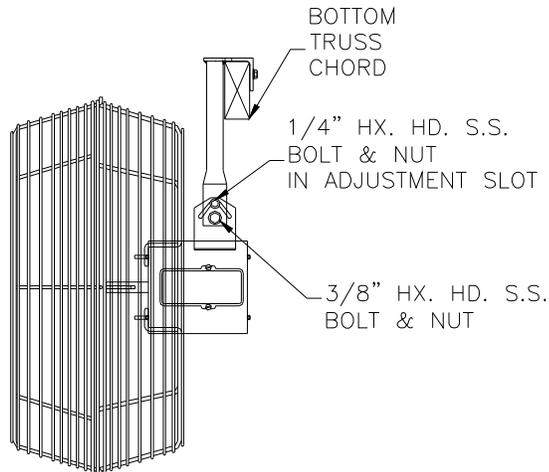
### Step TB2.

Mount the truss bracket to the bottom truss chord using two suitable fasteners with washers. Make certain the fasteners are screwed into the center of the bottom truss chord at the desired position. Securely tighten the fasteners.



### Step TB3.

Attach the fan to the truss bracket using a 3/8" x 1" Hx. Hd. S.S. bolt (Part # MH90191), nut (Part # 90018) and washers (Part # MH8031) through the lower hole on the motor yoke and truss bracket. Do not tighten at this time.



### Step TB4.

Insert a 1/4-20 x 1" Hx. Hd. S.S. bolt (Part # MH90168) with washers (Part # MH8029) through the adjustment slot and attach a 1/4-20 nut (Part # MH90043). Adjust the fan to the desired tilt and tighten the 1/4-20 bolt and nut securely. Now tighten the 3/8" bolt and nut securely.

**WARNING** If these ventilation products are used to support life in agricultural structures where failure of the system could result in loss or injury, the user must provide an adequate backup and alarm system. The user must accept all risks of such loss or injury due to the possible failure of the ventilation system.

**CAUTION** Do not install fan with moving parts within seven feet of floor or grade level without a guard that complies with OSHA Regulations. Do not use unless electrical wiring complies with all applicable codes. Do not wire without providing for power source disconnect at the fan itself. Do not service except by a qualified maintenance technician and only after disconnecting the power source. Do not install in room where flammable material is stored or flammable vapors might build up. Failure to observe all of these precautions can result in serious injury or death.

### **SERVICE AND TECHNICAL ASSISTANCE**

Your dealer or the Valco Service Department will be happy to answer all technical questions which will improve your use of the Galvanized fan series. Be prepared with the model number and necessary information before you place a call to your dealer or Valco. If your fan requires service when the warranty period has expired, please contact your dealer for assistance or return the unit to Valco for repair.

#### **Inquiries**



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