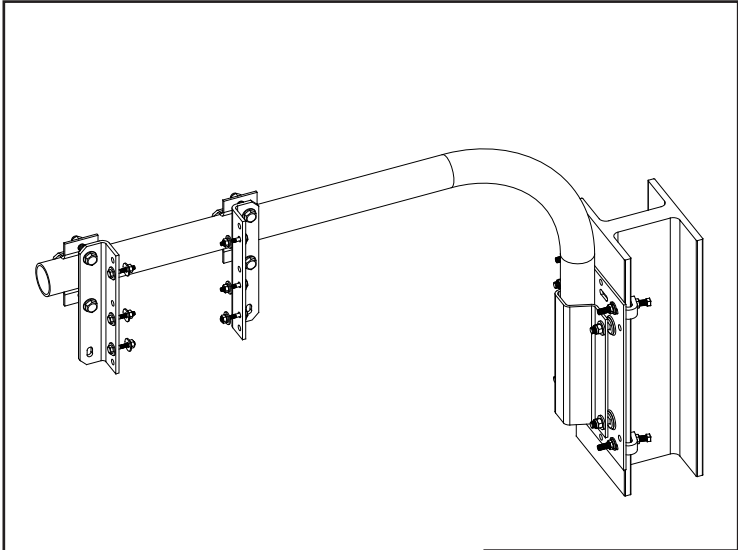
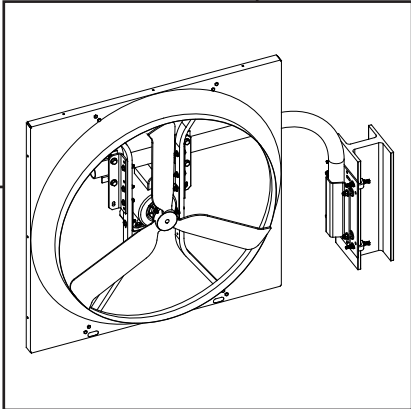


# DD Fan Hanger Kit

## Instruction Manual



DD Fan Hanger Kit and "1" Beam Kit



AX Fan with DD Fan Hanger Kit

# DD Fan Hanger Kit

Models: FH1705



# DD Fan Hanger Kit

## Instructions for Use and Maintenance

### Thank You:

Thank you for purchasing a Munters DD Fan hanger kit. Munters equipment is designed to be the highest performing, highest quality equipment you can buy. With the proper installation and maintenance it will provide many years of service.

### Please Note:

To achieve maximum performance and insure long life from your Munters product it is essential that it be installed and maintained properly. Please read all instructions carefully before beginning installation.

### Warranty:

For Warranty claims information see the "Warranty Claims and Return Policy" form QM1021 available from the [Munters Corporation office at 1-800-227-2376](http://www.munters.com) or by e-mail at [aghort.info@munters.com](mailto:aghort.info@munters.com).

### Conditions and Limitations:

- Products and Systems involved in a warranty claim under the "Warranty Claims and Return Policy" shall have been properly installed, maintained and operated under competent supervision, according to the instructions provided by Munters Corporation.
- Malfunction or failure resulting from misuse, abuse, negligence, alteration, accident or lack of proper installation or maintenance shall not be considered a defect under the Warranty.

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# Unpacking the Equipment

# 1.

## 1.1 Parts List

Each FH1705 includes:

- 1 - Fan Pipe Hanger
- 2 - Fan Hanger Brackets
- 1 - Mounting Plate
- 1 - Pipe Retainer
- 2 - Pipe Clamps
- 1 - Hardware Package (HP1135):

*HP1135 for the DD Fan Hanger:*

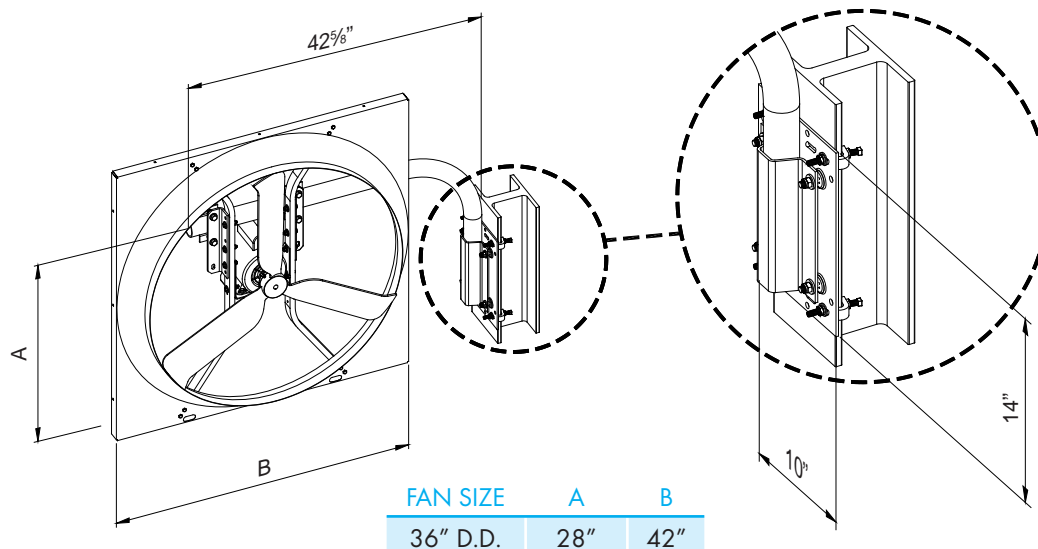
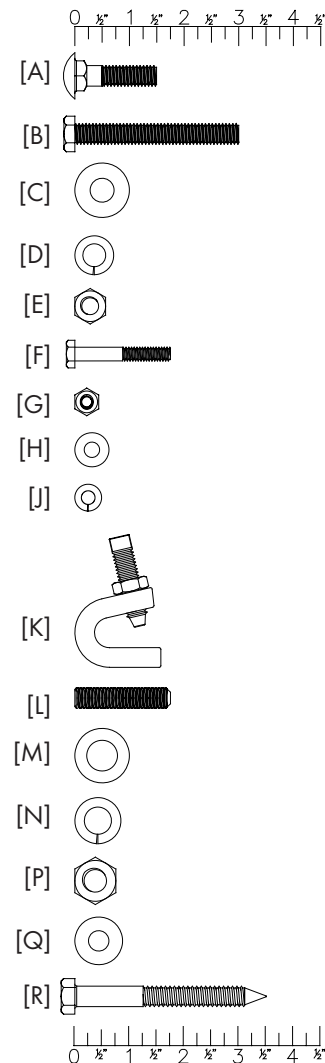
ID	Qty.	Cat. No.	Description
[A]	4	KS1509	3/8"-16 x 1.5" Carriage Bolt, ZP
[B]	4	KS1037	3/8"-16 x 3" Hex Bolt, Full Thrd, ZP
[C]	12	KW3036	3/8" Flat Washer, ZP
[D]	8	KW3509	10mm Splitlock Washer, ZP
[E]	8	KN1011	3/8"-16 Hex Nut, ZP
[F]	6	KS1035	1/4"-20 x 1.75" Hex Bolt, ZP
[G]	6	KN1900	1/4"-20 Stover Nut, ZP
[H]	12	KW3001	1/4" Type-A Narrow Flat Washer, ZP
[J]	6	KW3501	1/4" Splitlock Washer, ZP

*FA1663 Optional Kit for 'I' beam mounting*

[K]	4	KX2804	1/2"-13 'I' Beam Clamp, CARBON STL
[L]	4	KS2806	1/2"-13 x 1.75" Threaded Insert, BLK
[M]	4	KW3044	1/2" Type-A Narrow Flat Washer, ZP
[N]	4	KW3512	1/2" Splitlock Washer, ZP
[P]	4	KN1010	1/2"-13 Hex Nut, ZP

*FA1664 Optional Kit wood post mounting*

[Q]	4	KW3007	3/8" Type A Narrow Flat Washer, SS
[R]	4	KS2462	3/8" x 3.5" Hex Lag Screw, HOT DIP GALV.



# Installation Instructions

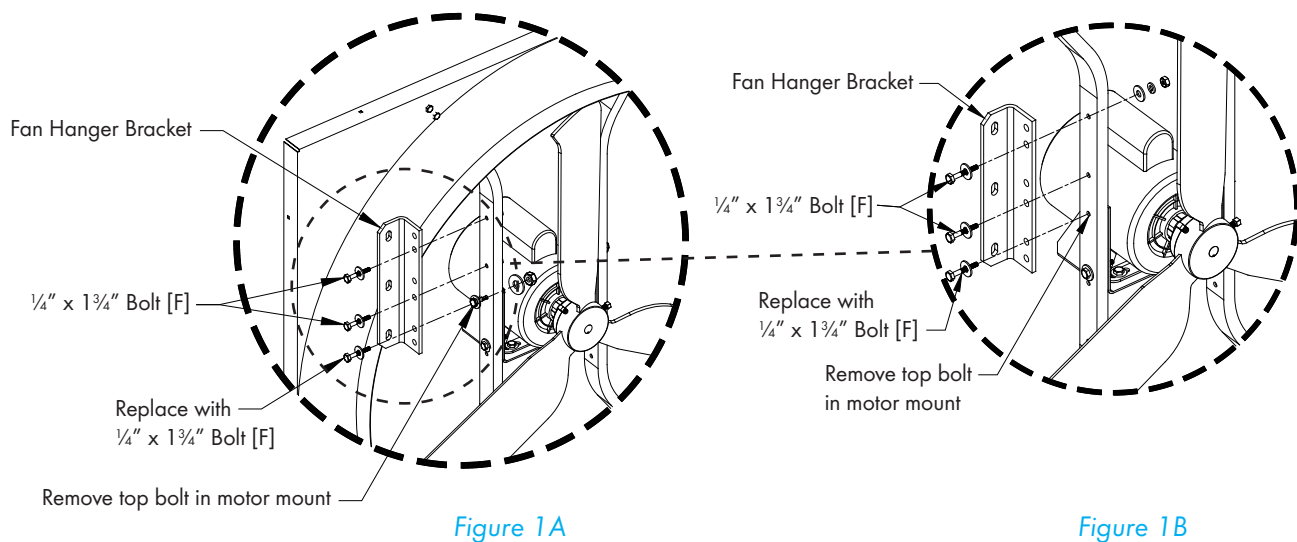
# 2.

Before beginning installation, check the overall condition of the equipment. Remove packing materials, and examine all components for signs of shipping damage. Any shipping damage is the customer's responsibility and should be reported immediately to the freight carrier.

## 2.1 Install

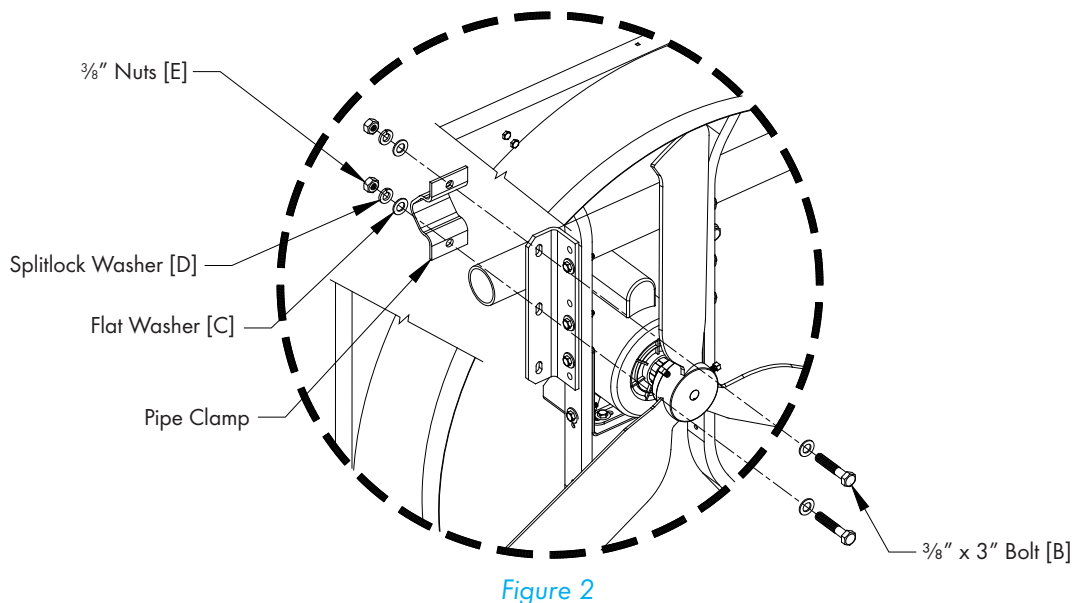
### Step 1

Remove top bolt from the motor mount and attach Fan Hanger Bracket to strut using (3) Bolts [F], Washers [H], Splitlock Washers [J] and Nuts [G] in this hole and the 2 matching holes in the strut and hanger bracket. Repeat for other strut and Fan Hanger Bracket. *See Figure 1A and 1B.*



### Step 2

Secure fan to Fan Pipe Hanger using (2) Pipe Clamps and (4) 3/8" x 3" Hex Bolts [B], Flat Washers [C], Splitlock Washers [D] and Nuts [E]. *See Figure 2.*



Step 3

Attach Pipe Retainer to Mounting Plate using (4) Bolts [A], Washers [C], Splitlock Washers [D] and Nuts [E]. Thread nut on so it is flush with end of bolt. [See Figure 3.](#)

**Note:** For 'I' Beam Mounting go to Step 4 & 5, for Wood Post Mounting go to Step 6, For Round Post mounting go to Step 7.

Step 4

Thread Threaded Insert [L] into 'I' Beam Clamp [K] so it is flush on the inside of clamp. Attach (4) 'I' Beam Clamps [K] to beam by tightening square headed bolt and then tightening the jamb nut up to the clamp. 'I' Beam Clamps should be spaced 1 1/2" center-to-center vertically. [See Figure 4.](#)

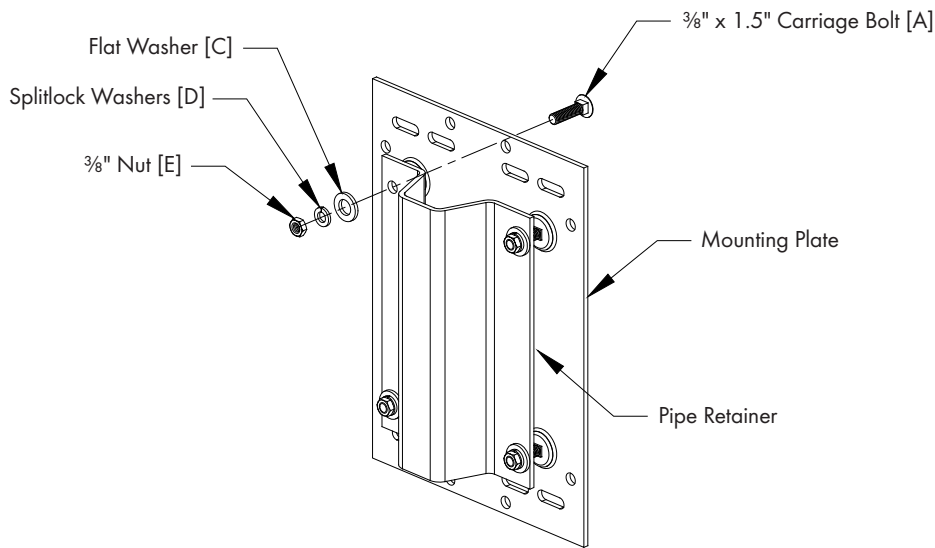


Figure 3

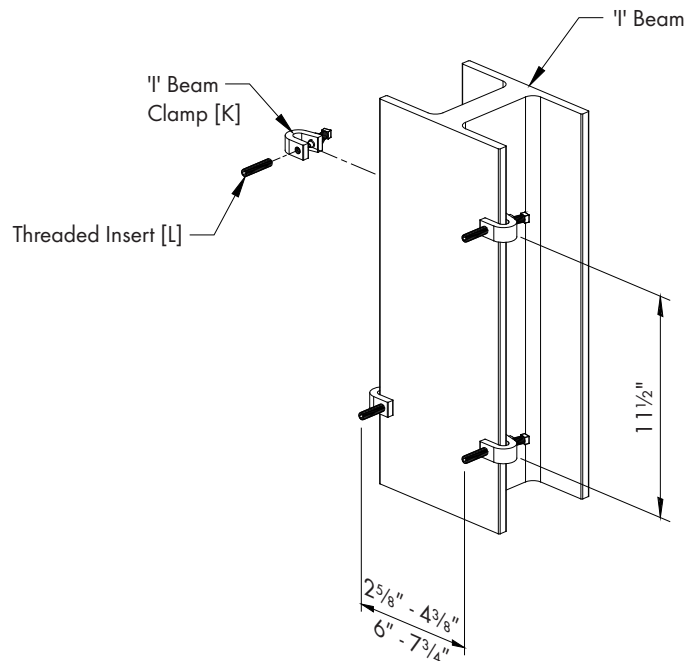


Figure 4

**Step 5**

Place Mounting Plate assembly on 'I' Beam Clamp Threaded Inserts and fasten in place using (4) Flat Washers [M], Splitlock Washers [N] and Nuts [P]. See Figure 5. Proceed to Step 8.

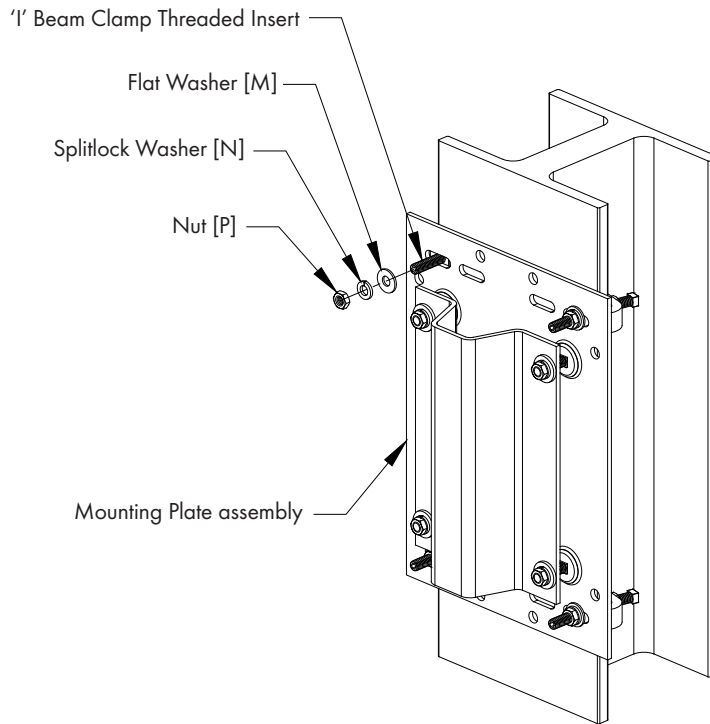


Figure 5

**Step 6**

Attach Mounting Plate assembly to wood post using (4)  $\frac{3}{8}$ " x 3.5" Lag Screws [R] and Flat Washers [Q]. See Figure 6. Proceed to Step 8.

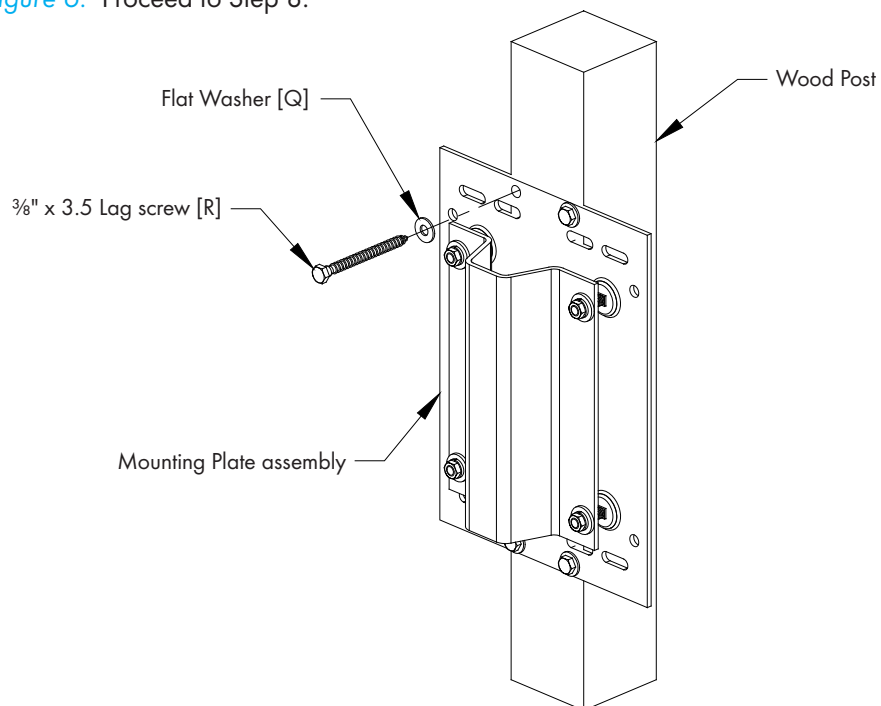


Figure 6

Step 7

Attach Mounting Plate assembly to round post using (2) 'U' bolts and Flat Washers, Splitlock Washers and Nuts (not provided). See Figure 7.

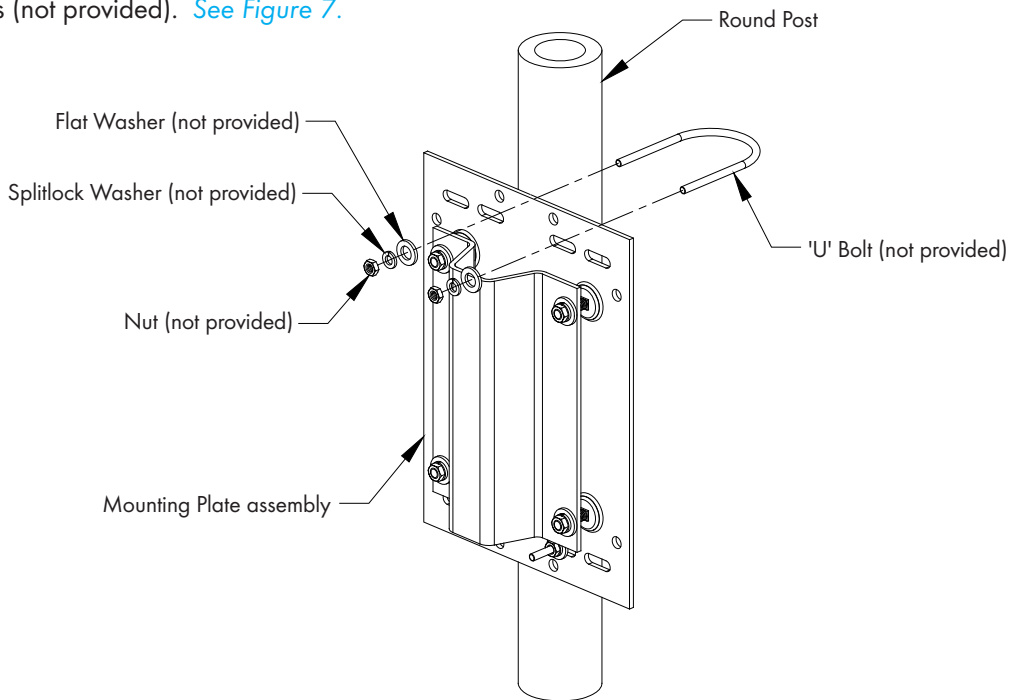


Figure 7

Step 8

Slide Fan Pipe Hanger into Mounting Plate assembly so pipe stops at tab. Rotate Fan and Fan Pipe Hanger to desired angle and tighten nuts on Pipe Retainer to secure fan in place. See Figure 8.

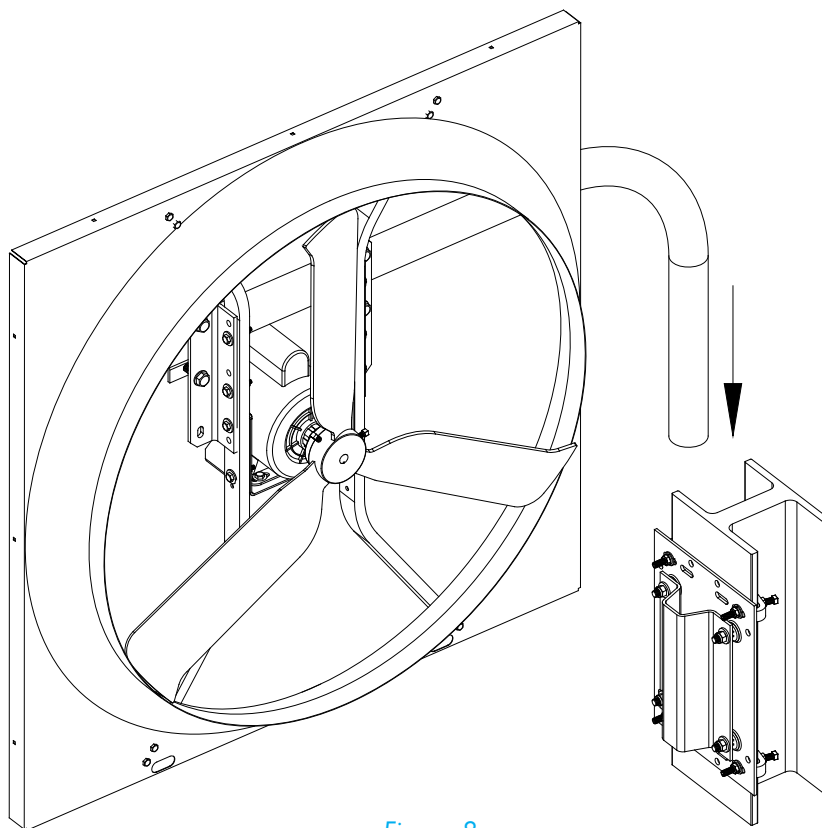


Figure 8



**Step 9**

Rotate fan to desired angle for airflow. Tighten bolts of Pipe Clamps to secure fan at desired angle.

See [Figure 9A](#) and [9B](#). The standard angle is 10-15°.

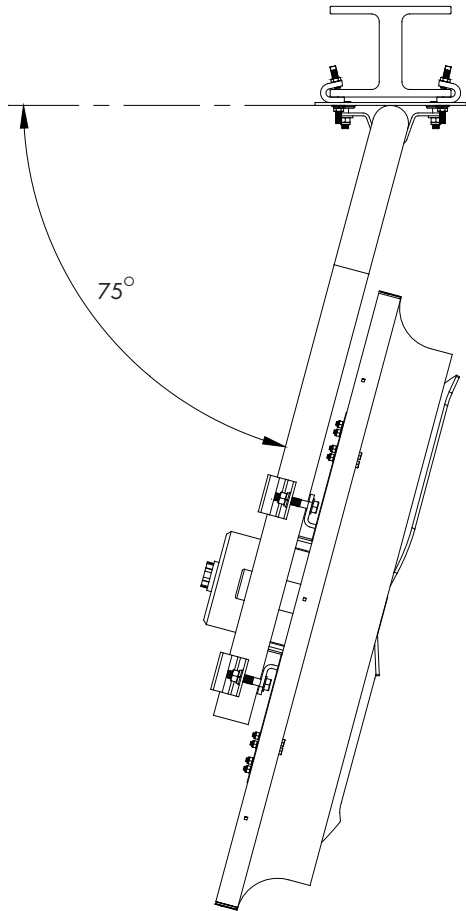


Figure 9A

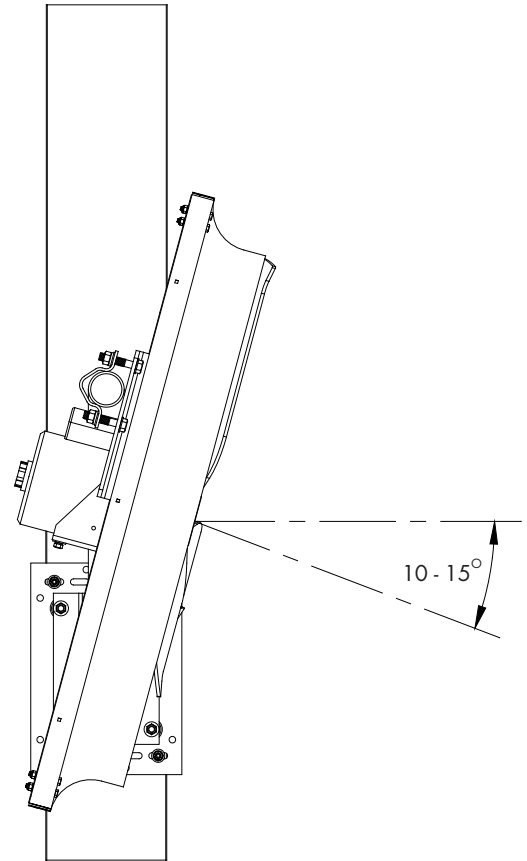


Figure 9B

## Step 1

### INITIAL START-UP:

With electrical power off, verify that the fan propeller turns freely and that all fasteners are secure. Turn on electrical power and confirm that the fan operates smoothly.

## Step 2

### TEMPERATURE ADJUSTMENTS:

Set the fan control to the temperature shown on your Munters ventilation system drawing, or to a value which will provide the desired environmental conditions.

## Step 3

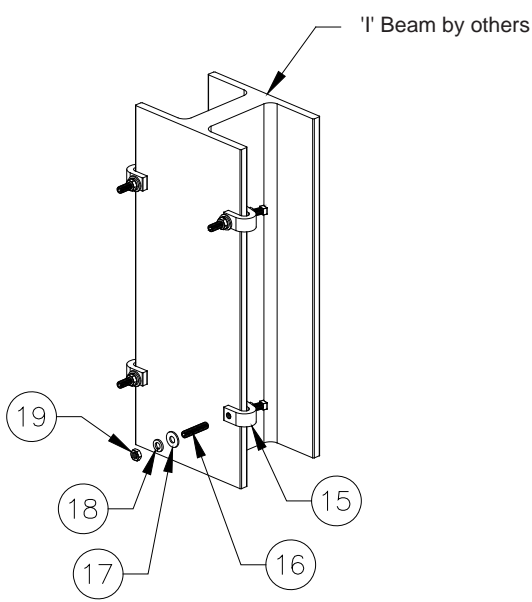
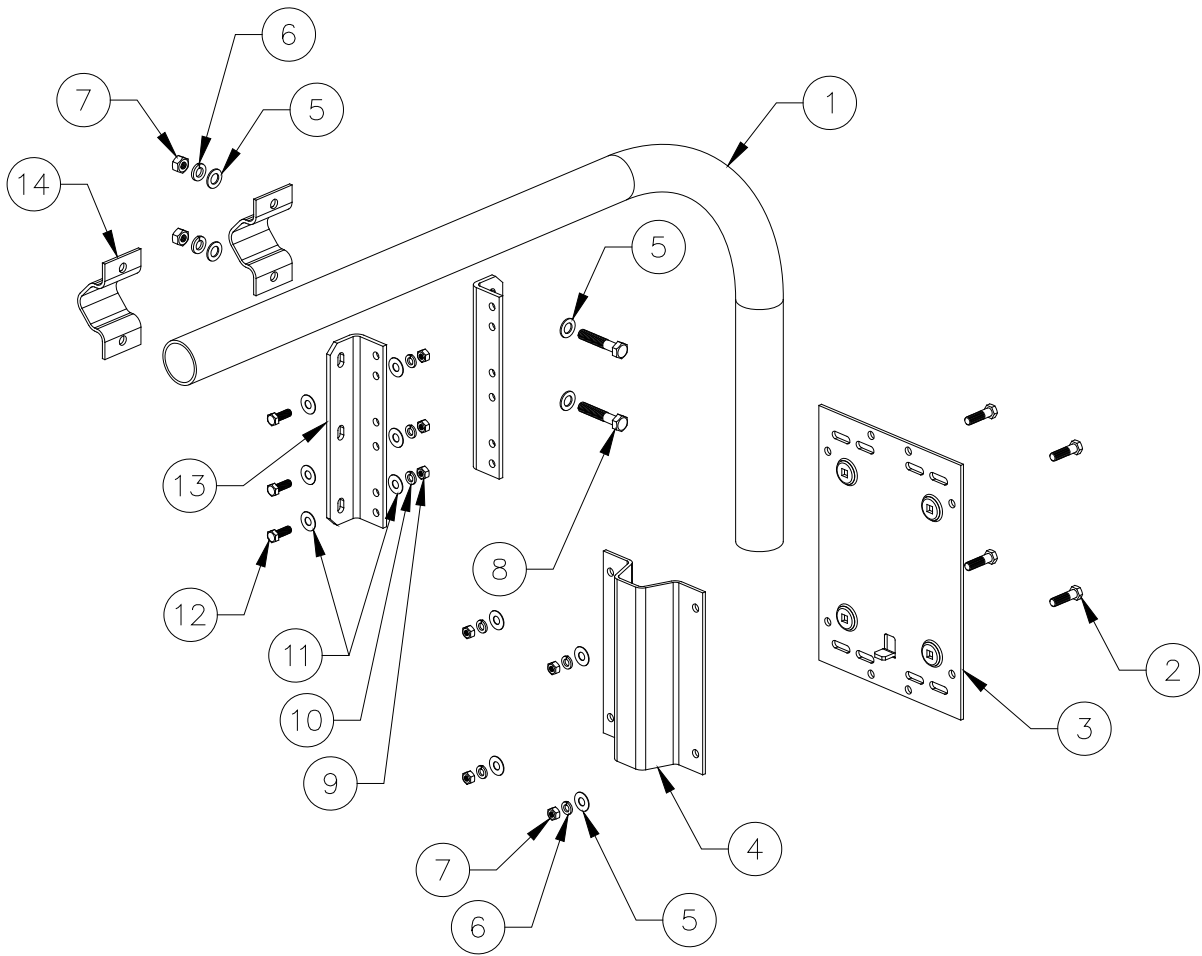
### BELT ADJUSTMENTS:

Refer to Maintenance Section in your fan owners manual.

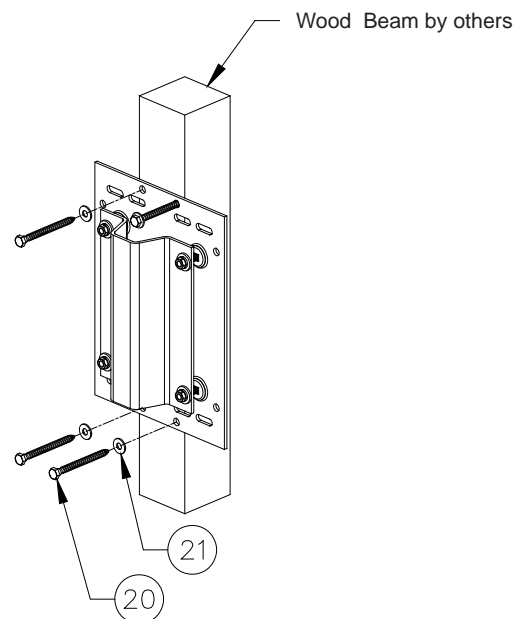


# Exploded View

# 4.



Optional FA1663 Kit



Optional FA1664 Kit

Item	Cat. No.	Part Name/Description	Qty.
1	FH1715	Fan Pipe Hanger	1
2	KS1509	3/8"-16 x 1.5" Carriage Bolt, ZP	4
3	FH1716	Fan Hanger Mounting Plate	1
4	FH1717	Fan Hanger Pipe Retainer	1
5	KW3036	3/8" Flat Washer, ZP	12
6	KW3509	10 mm Splitlock Washer, ZP	8
7	KN1011	3/8"-16 Hex Nut	8
8	KS1037	3/8"-16 x 3" Hex Bolts, ZP	4
9	KN1900	1/4"-20 Stover Nut, ZP	6
10	KW3501	1/4" Splitlock Washer, ZP	6
11	KW3001	1/4" Flat Washer, ZP	12
12	KS1035	1/4"-20 x 1 3/4" Hex Bolts, ZP	6
13	FH1611	Fan Hanger Bracket	2
14	FH1612	Pipe Clamps	2
<b>Optional FA1663 Kit</b>			
15	KX2804	1/2"-13 'I' Beam Clamp, CARBON STL	4
16	KS2806	1/2"-13 x 1.75" Threaded Insert, BLK	4
17	KW3044	1/2" Type-A Narrow Flat Washer, ZP	4
18	KW3512	1/2" Splitlock Washer, ZP	4
19	KN1010	1/2"-13 Hex Nut, ZP	4
<b>Optional FA1664 Kit</b>			
20	KW3007	3/8" Flat Washer, Type - A, Narrow, SS	4
21	KS2462	3/8" x 3.5" Lag Screw, GV	4

DD Fan Hanger Kit is developed and produced by Munters Corporation, Lansing, Michigan U.S.A. 1-800-227-2376



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