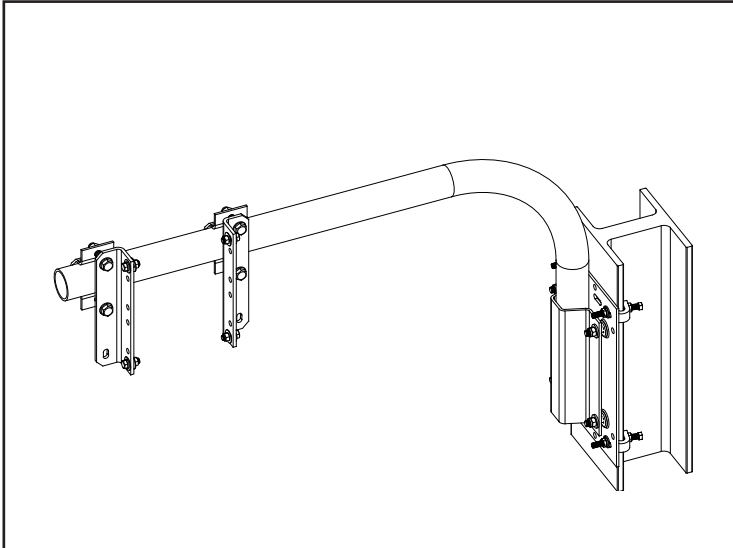
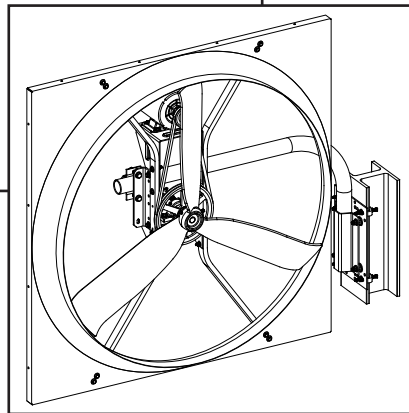


BD Fan Hanger Kit

Instruction Manual



BD Fan Hanger Kit and "I" Beam Kit



AX Fan with BD Fan Hanger Kit

BD Fan Hanger Kit

Models: FH1710



BD Fan Hanger Kit

Instructions for Use and Maintenance

Thank You:

Thank you for purchasing a Munters BD 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.

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 FH1710 includes:

- 1 - Fan Pipe Hanger
- 2 - Fan Hanger Brackets
- 1 - Mounting Plate
- 1 - Pipe Retainer
- 2 - Pipe Clamps

1 - Hardware Package (HP1137) including:

HP1137 for the BD Fan Hanger:

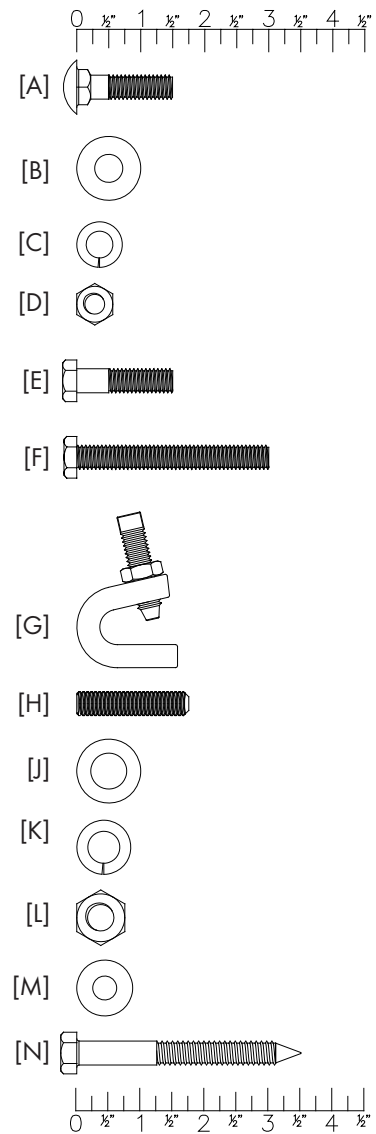
ID	Qty.	Cat. No.	Description
[A]	4	KS1509	3/8"-16 x 1.5" Carriage Bolt, ZP
[B]	4	KW3036	3/8" Flat Washer, ZP
[C]	12	KW3509	10mm Splitlock Washer, ZP
[D]	8	KN1011	3/8"-16 Hex Nut, ZP
[E]	8	KS1022	3/8"-16 x 1.5" Hex Bolt, ZP
[F]	6	KS1037	3/8"-16 x 3" Hex Bolt, Full Thrd, ZP

FA1663 Optional Kit for 'I' beam mounting

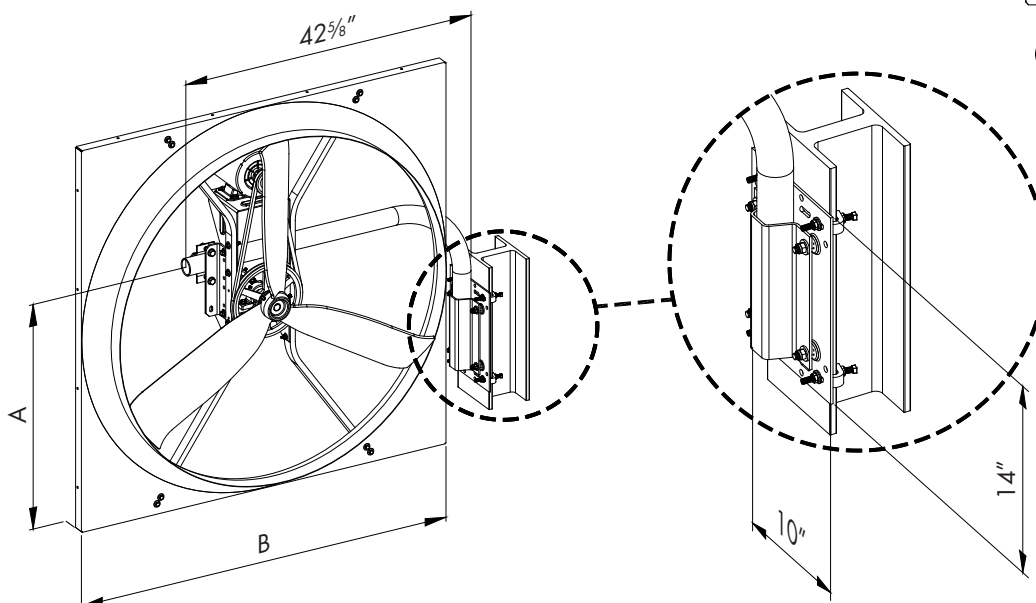
[G]	4	KX2804	1/2"-13 'I' Beam Clamp, CARBON STL
[H]	4	KS2806	1/2"-13 x 1.75" Threaded Insert, BLK
[J]	4	KW3044	1/2" Type-A Narrow Flat Washer, ZP
[K]	4	KW3512	1/2" Splitlock Washer, ZP
[L]	4	KN1010	1/2"-13 Hex Nut, ZP

FA1664 Optional Kit wood post mounting

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



1.2 Fan Dimensions



Fan	A	B
36" B.D.	25"	42"
48"	31"	54"
51"	32"	56"

Installation Instructions

2.

NOTE:

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

Attach Fan Hanger Brackets to motor mount and bearing bracket using (2) Bolts [E], Washers [B], Splitlock Washers [D] and Nuts [C]. Use the top hole in bearing bracket and matching hole in motor mount. See Figure 1A and 1B.

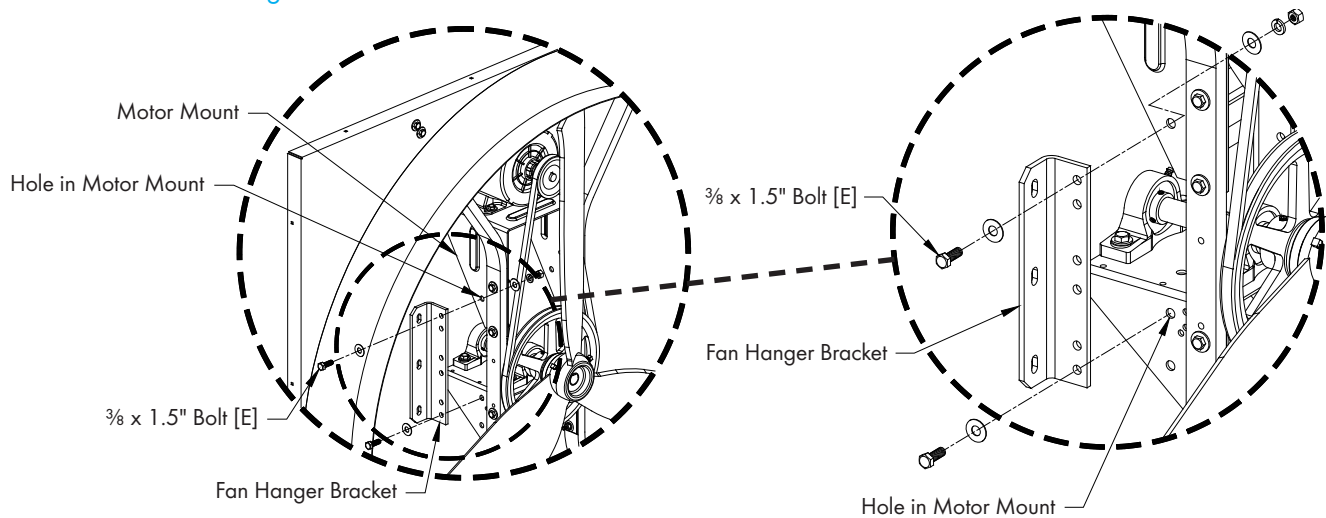


Figure 1A

Figure 1B

Step 2

Secure fan to Fan Pipe Hanger using (2) Pipe Clamps and (4) Bolts [F], Washers [B], Splitlock Washers [D] and Nuts [C]. See Figure 2.

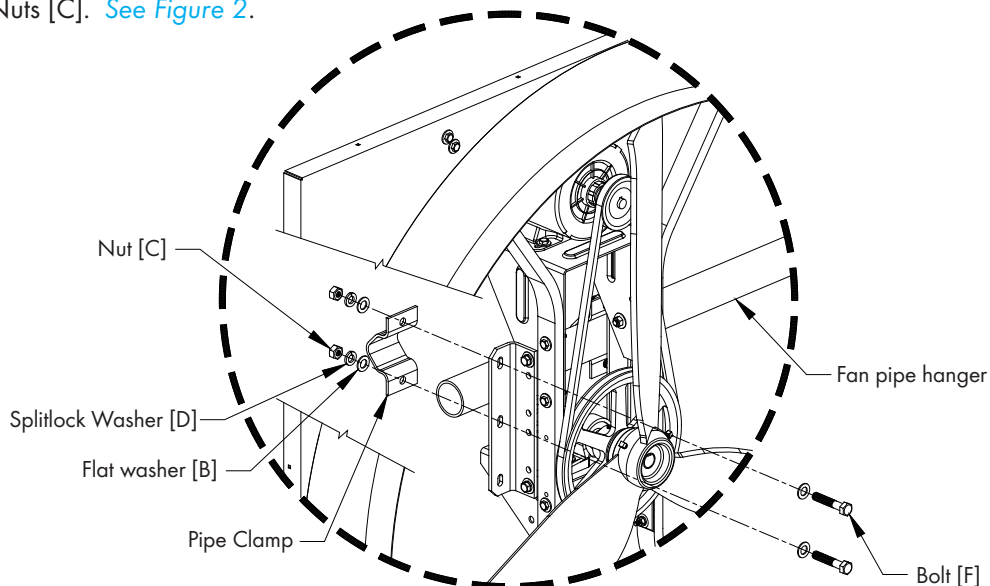


Figure 2

Step 3

Attach pipe retainer to mounting plate using (4) Bolts [A], Washer [B], Splitlock Washer [C] and Nuts [D]. 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 [H] into 'I' Beam Clamp [G] so it is flush on the inside of clamp. Attach (4) 'I' Beam Clamps [G] to beam by tightening square headed bolt. 'I' Beam Clamps [G] should be spaced 1 1/2" on center-to-center vertically. *See Figure 4.*

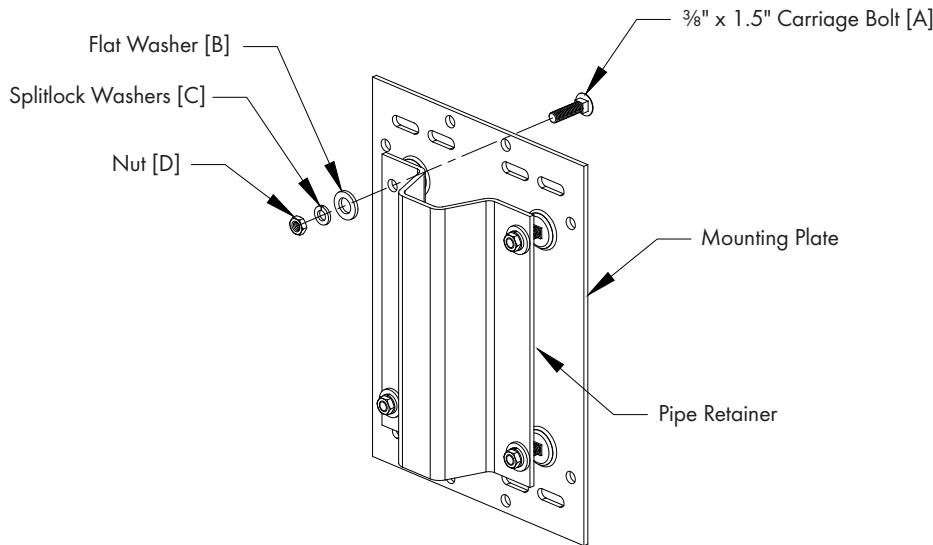


Figure 3

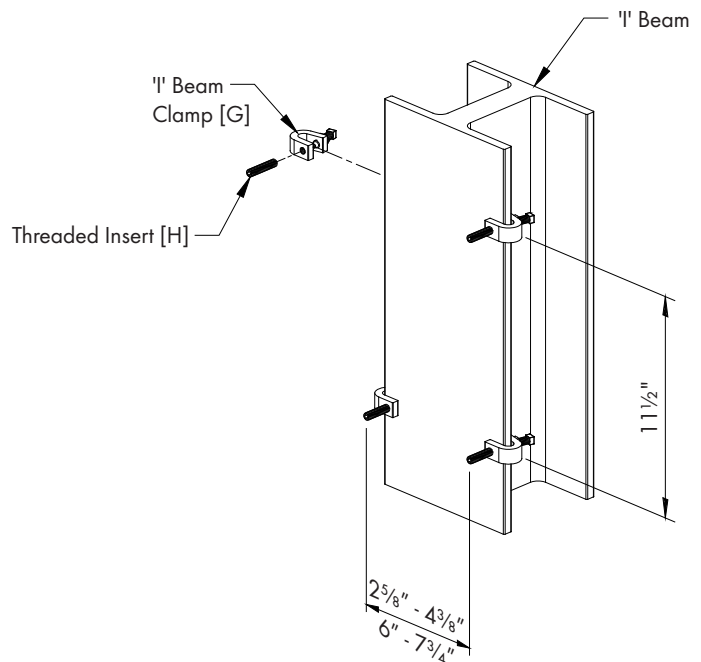


Figure 4

Step 5

Place mounting plate assembly on 'I' beam clamp threaded inserts and fasten in place using Washers [J], Splitlock Washers [K], and nuts [L]. See Figure 5. Proceed to Step 8.

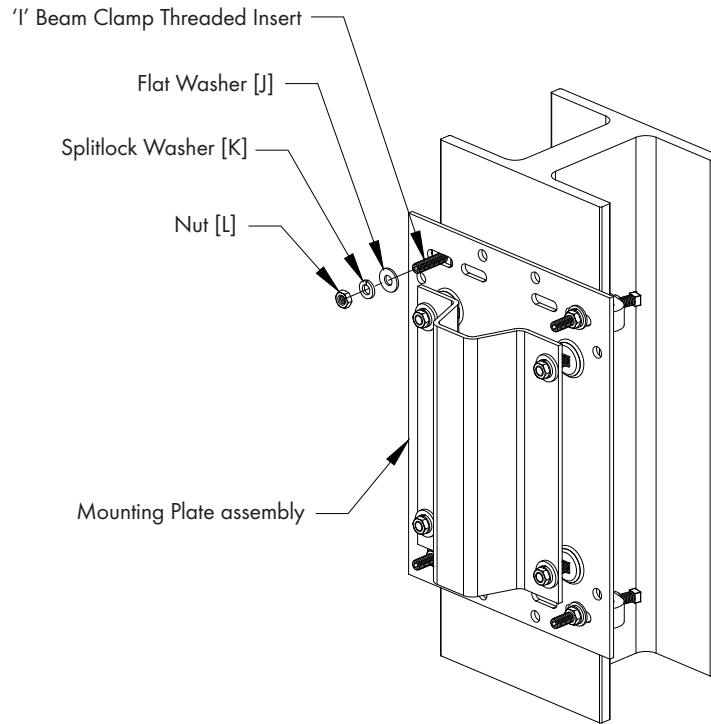


Figure 5

Step 6

Attach Mounting Plate assembly to wood post using (4) Lag Screws [N] and Flat Washers [M]. See Figure 6. Proceed to step 8.

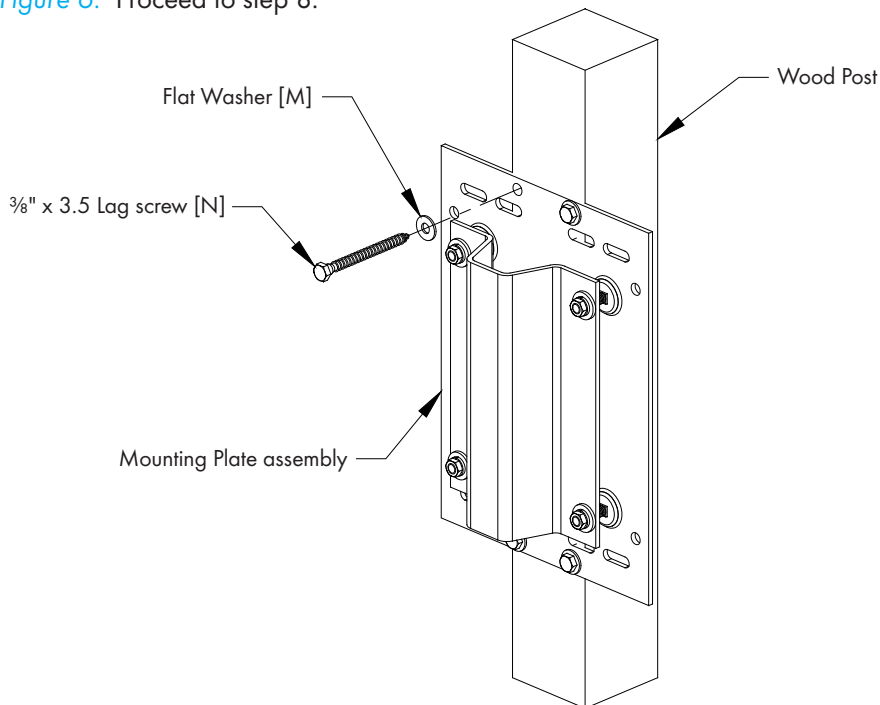


Figure 6

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](#).

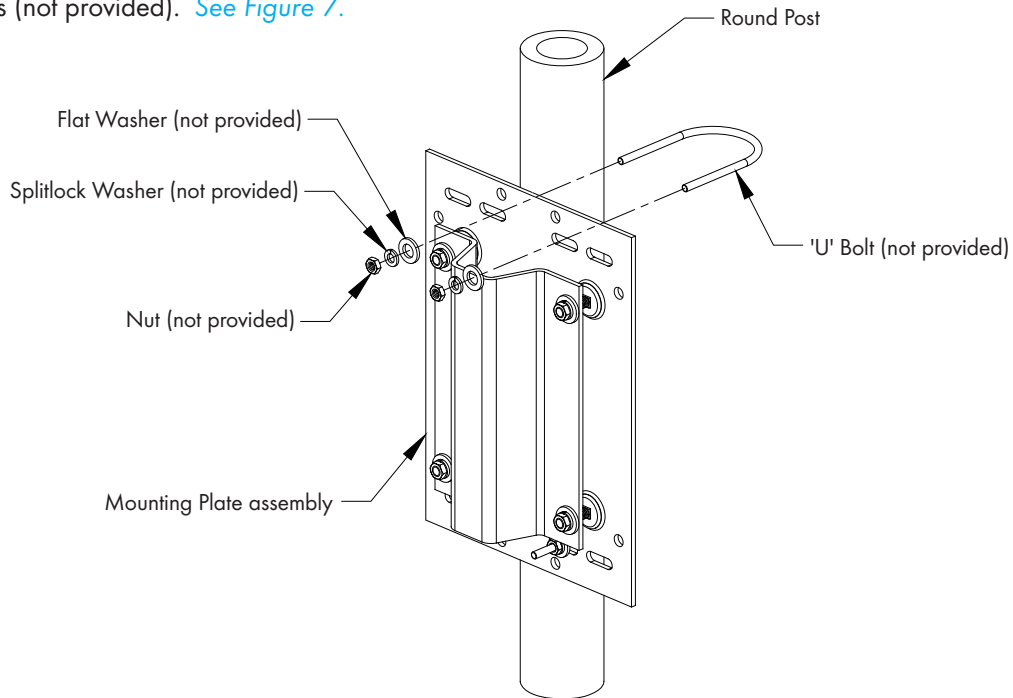


Figure 7

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](#).

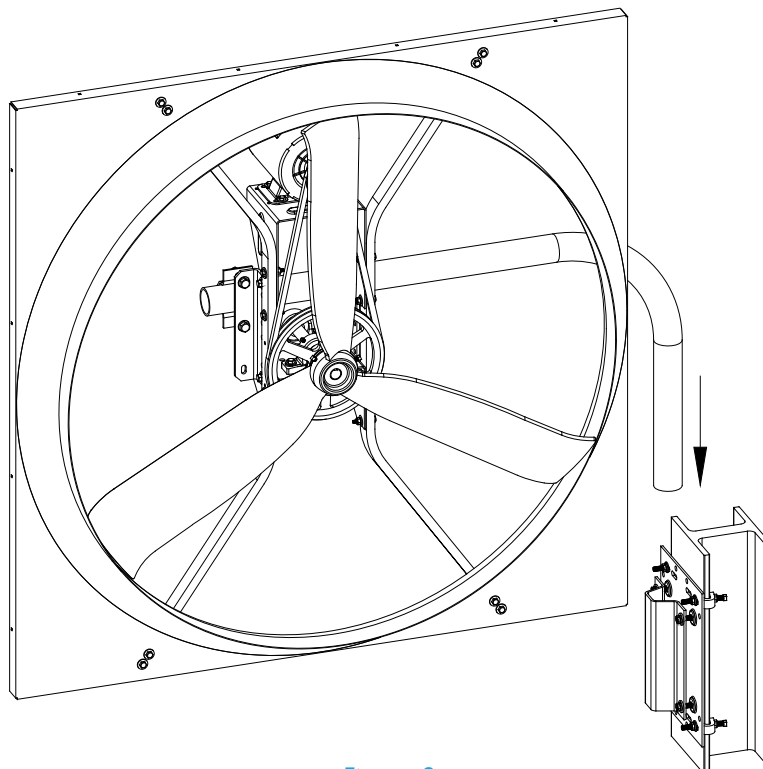


Figure 8

Step 9

Rotate fan to desired angle for air flow. Tighten bolts of pipe clamps to secure fan at desired angle. See [Figure 9A](#) and [9 B](#). The standard angle is 10° - 15°.

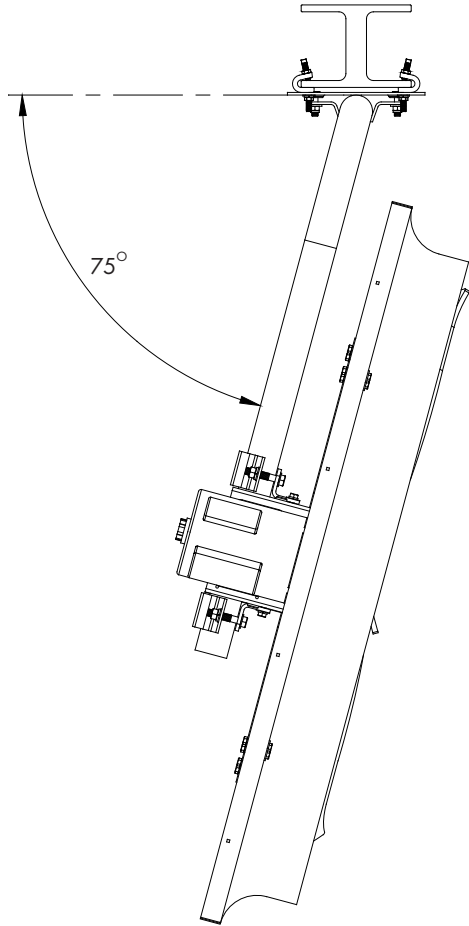


Figure 9A

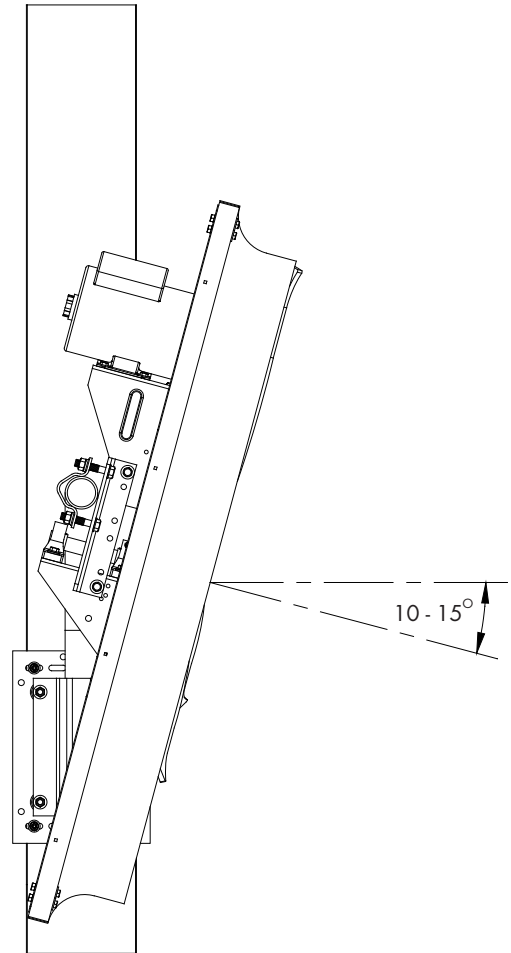


Figure 9B

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.

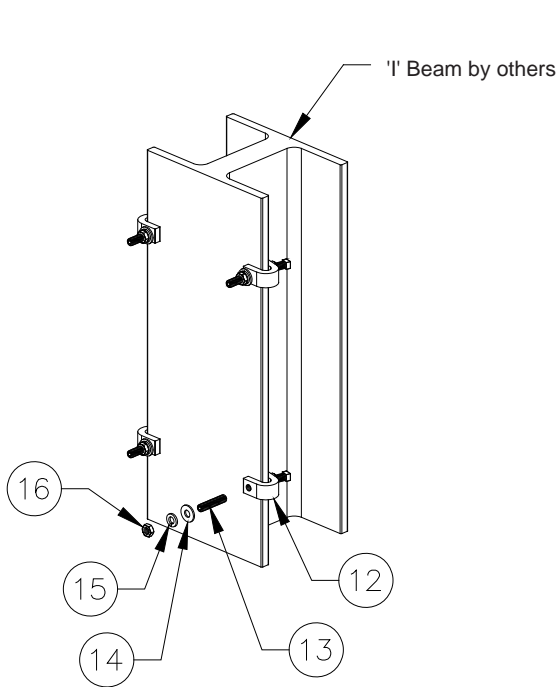
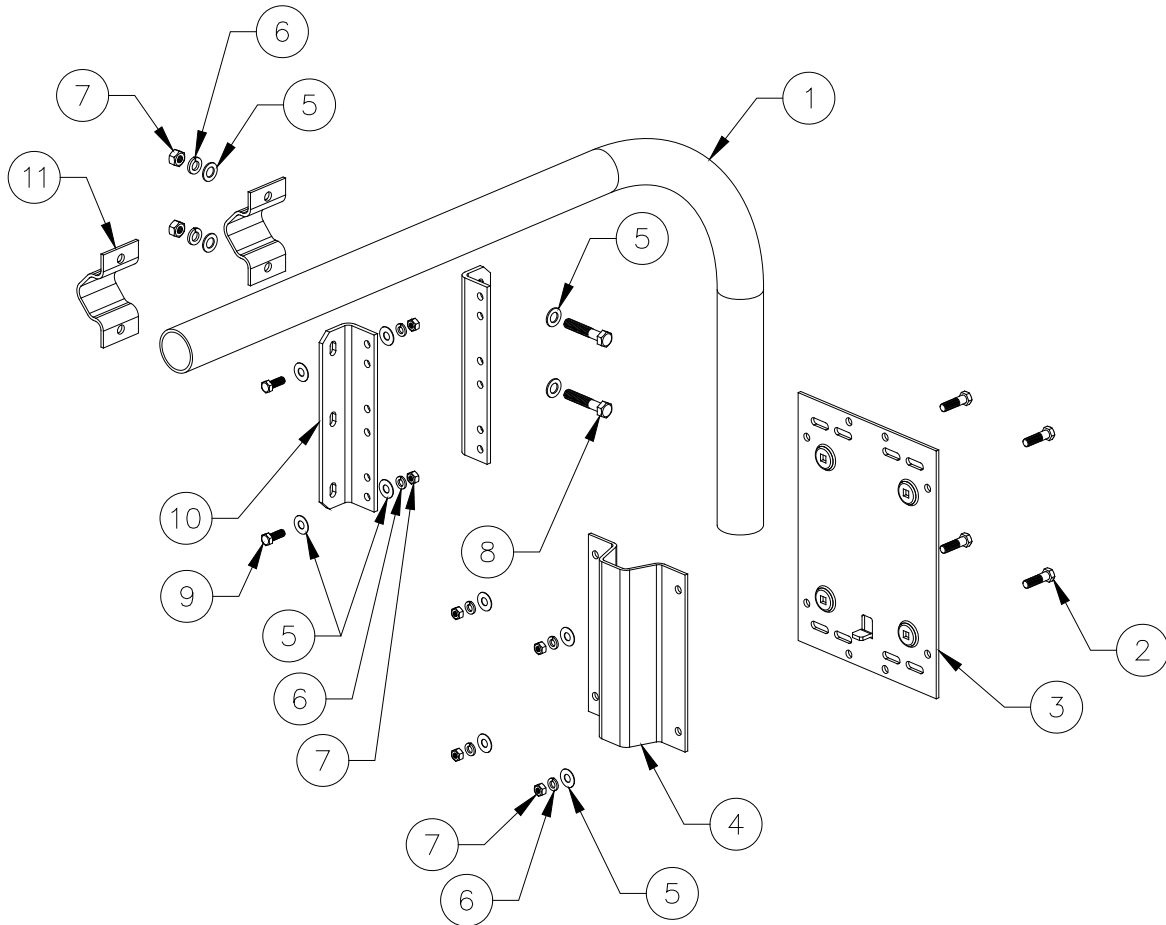
Step 3

BELT ADJUSTMENTS:

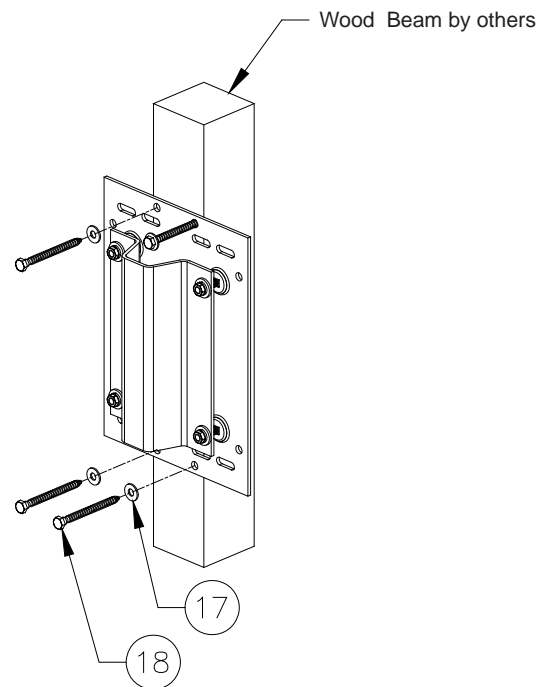
Refer to Maintenance Section in your fan owners manual.

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" 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	20
6	KW3509	10mm Splitlock Washer, ZP	12
7	KN1011	3/8" Hex Nut	12
8	KS1037	3/8" x 3" Hex Bolts, ZP	4
9	KS1022	3/8" x 1.5" Hex Bolts, ZP	4
10	FH1611	Fan Hanger Bracket	2
11	FH1612	Pipe Clamps	2
Optional FA1663 Kit			
12	KX2804	1/2"-13 '1' Beam Clamp, CARBON STL	4
13	KS2806	1/2"-13 x 1.75" Threaded Insert, BLK	4
14	KW3044	1/2" Type-A Narrow Flat Washer, ZP	4
15	KW3512	1/2" Splitlock Washer, ZP	4
16	KN1010	1/2"-13 Hex Nut, ZP	4
Optional FA1664 Kit			
17	KW3007	3/8" Flat Washer, Type - A, Narrow, SS	4
18	KS2462	3/8" x 3.5" Lag Screw, GV	4

BD Fan hanger kit developed and produced by Munters Corporation, Lansing, Michigan U.S.A. 1-800-227-2376



Munters Europe AB, Isafjordsgatan 1, P.O. Box 1150, SE-164 26 Kista, Sweden. Phone +46 08 626 63 00, Fax +46 8 754 56 66.

Munters Corporation 2691 Ena Drive Lansing, MI 48917 U.S.A. Phone +1 800-227-2376, Fax +1 517-676-7078

www.munters.us/aghort

Australia Munters Pty Limited, Phone +61 2 6025 6422, **Brazil** Munters Brasil Industria e Comercio Ltda, Phone +55 41 3317 5050, **Canada/US** Munters Corporation Lansing, MI Phone +1 517 676 7070, **China** Munters Air Treatment Equipment (Beijing) Co. Ltd, Phone +86 10 80 481 121, **Denmark** Munters A/S, Phone +45 9862 3311, **India** Munters India, Phone +91 20 3052 2520, **Indonesia** Munters, Phone +62 818 739 235, **Italy** Munters Italy S.p.A., Chiusavecchia, Phone +39 0183 52 11, **Japan** Munters K.K., Phone +81 3 5970 0021, **Korea** Munters Korea Co. Ltd., Phone +82 2 761 8701, **Mexico** Munters Mexico, Phone +52 818 262 54 00, **Russia** Munters AB, Phone +7 812 448 5740, **Singapore** Munters Pte Ltd., Phone +65 744 6828, **South Africa and Sub-Sahara Countries** Munters (Pty) Ltd., Phone +27 11 997 2000, **Spain** Munters Spain S.A., Phone +34 91 640 09 02, **Sweden** Munters AB, Phone +46 8 626 63 00, **Thailand** Munters Co. Ltd., Phone +66 2 642 2670, **Turkey** Munters Form Endüstri Sistemleri A.Ş, Phone +90 322 231 1338, **USA** Munters Corporation Lansing, MI Phone +1 517 676 7070, **Vietnam** Munters Vietnam, Phone +84 8 3825 6838, **Export & Other countries** Munters Italy S.p.A., Chiusavecchia Phone +39 0183 52 11