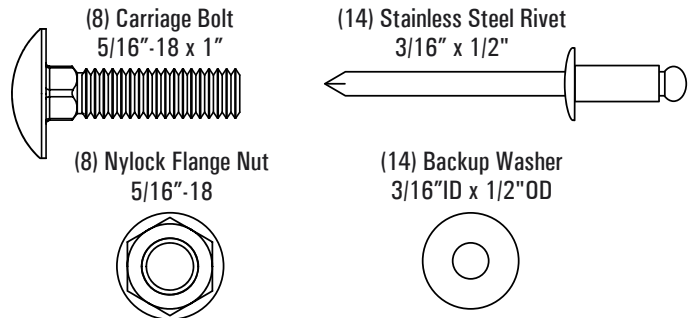


# J&D Manufacturing

## MEGA STORM 72" FIBERGLASS EXHAUST FAN

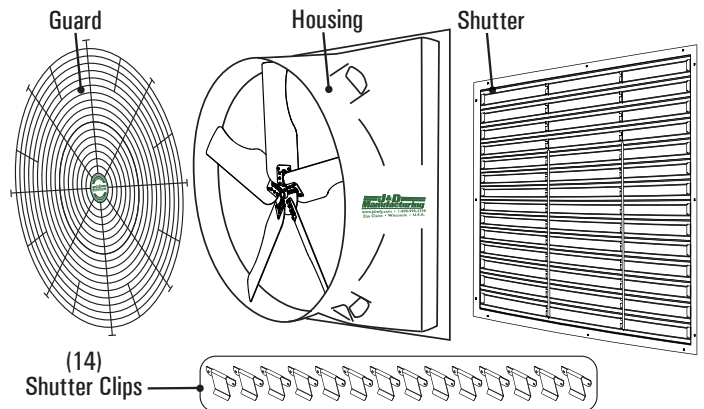


### INCLUDED ASSEMBLY HARDWARE - TO SCALE



### INSTALLATION HARDWARE IS NOT PROVIDED

### PARTS LEGEND



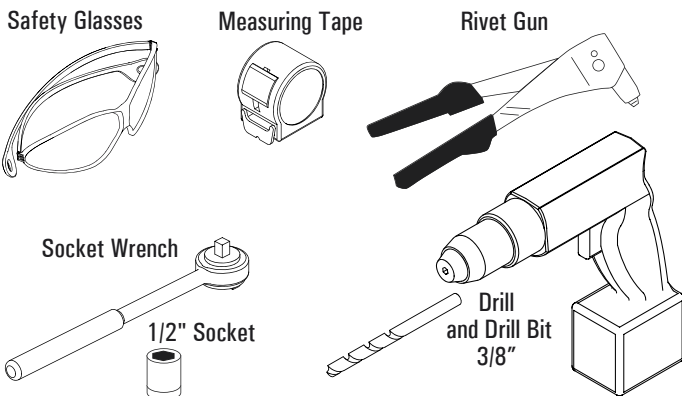
### WARRANTY

J&D Manufacturing warrants all products are free from defects in materials and workmanship under normal use for the period of one year from date of purchase. Our warranty does not cover normal or regular wear and tear. J&D Manufacturing can repair or replace at our option, any product or part of the product that is found to be defective. Our warranty applies to materials only, and does not include return freight, delivery, loss or damage to personal property, cost of removal or installation, any incidental or consequential damages or labor. This warranty does not apply to products which are misused, abused, altered, improperly installed or subject to negligence. All warranties must be approved through our warranty department. The original purchaser must present a copy of the invoice for the defective product. One year is our standard warranty unless specified on our literature or in the installation instructions or user manuals.

### INSTALLATION

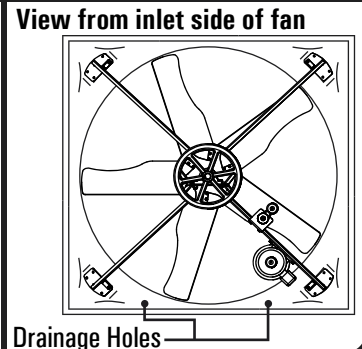
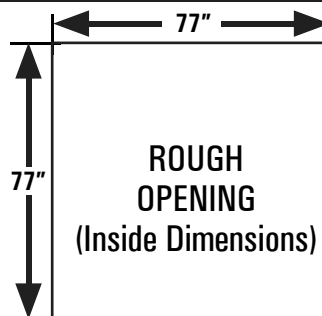
Please read over all instructions carefully before you begin. If you have any questions please call your local dealer, or contact J&D Manufacturing at 1-800-998-2398.

### RECOMMENDED TOOLS FOR INSTALLATION AND ASSEMBLY (NOT PROVIDED)



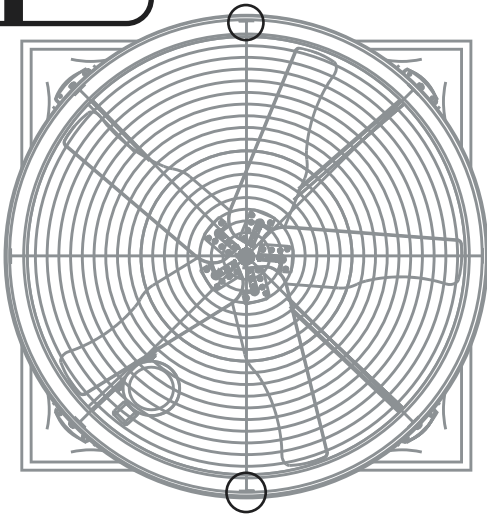
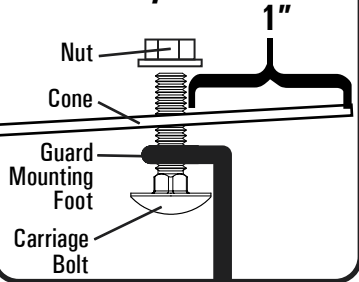
Construct structurally sound 77" square rough opening.

Correct orientation of fan. Drainage holes down. NOTE: Drainage holes **MUST** be free from obstruction.

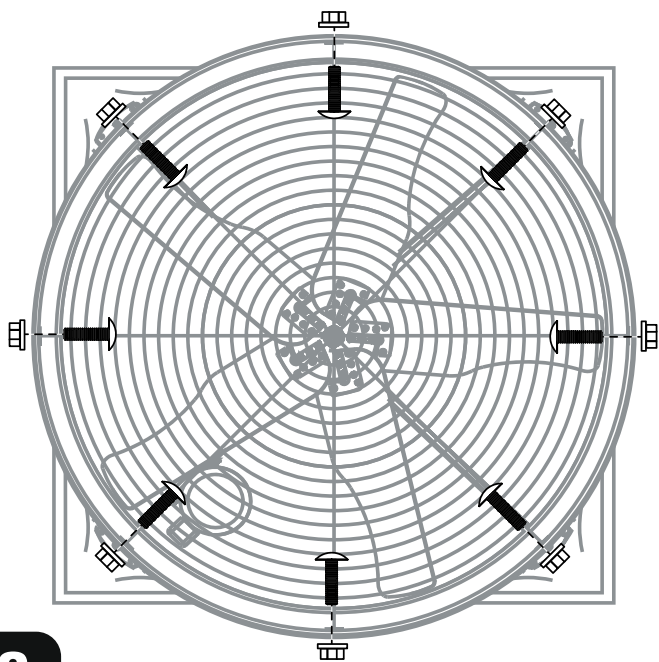


Using a 3/8" drill bit, drill a hole in the top of the venturi 1" from the edge. Place guard inside venturi opening and secure top of guard to top of venturi by inserting a 5/16" Carriage Bolt through guard mounting foot, then through recently drilled hole in venturi secure with a 5/16" Nylock Nut. Do the same for the bottom guard mounting foot. Do not tighten nuts and bolts at this time.

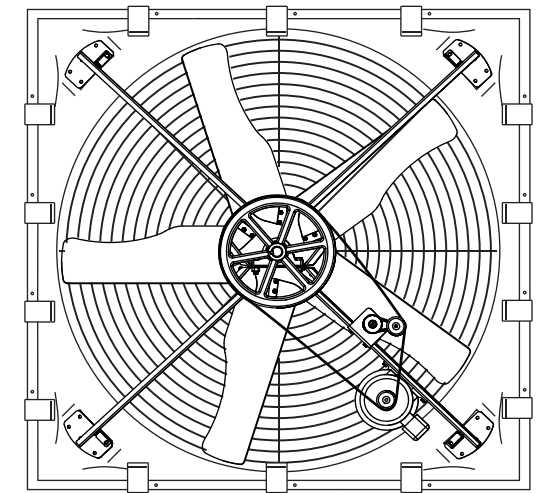
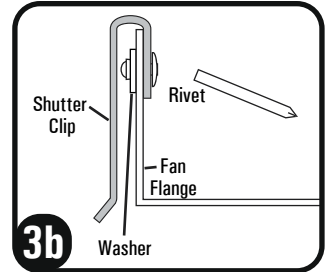
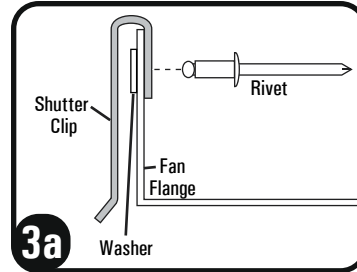
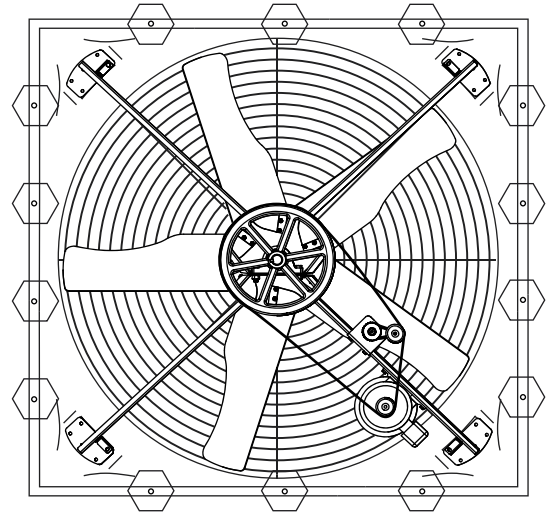
### Assembly Side View



Mark all remaining guard footing locations 1" from venturi edge. Drill holes using 3/8" bit and insert bolts and nuts exactly as you did in step #1. Once all bolts and nuts are installed, go back and tighten each securely.

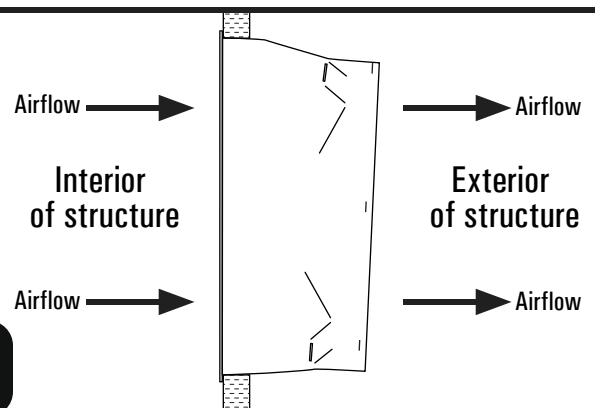


Using the 14 pre-drilled holes in the housing flange attach all (14) shutter clips with a rivet gun using (14) 3/16" rivets and (14) 3/16" backup washers. Review the illustrations below for placement and assembly.



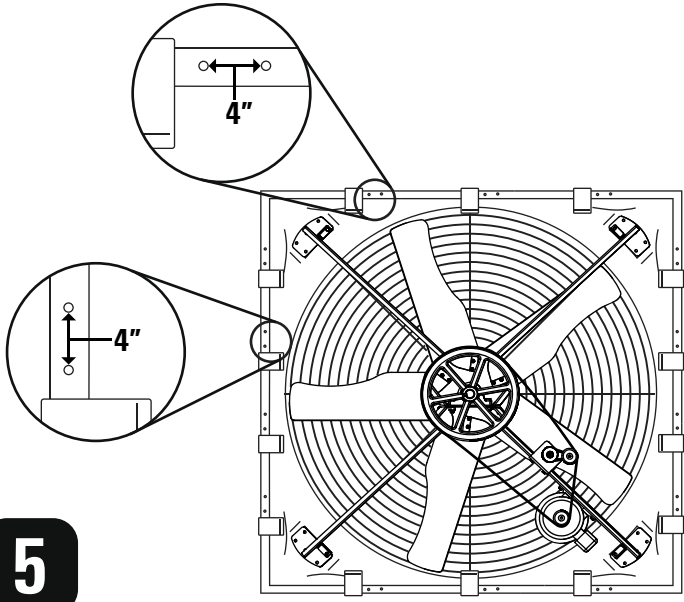
3

From the inside of your structure, insert fan into the finished opening.



4

On the mounting flange measure and mark 4" from each of the 14 pre-drilled mounting holes used for attaching the shutter clips as shown.

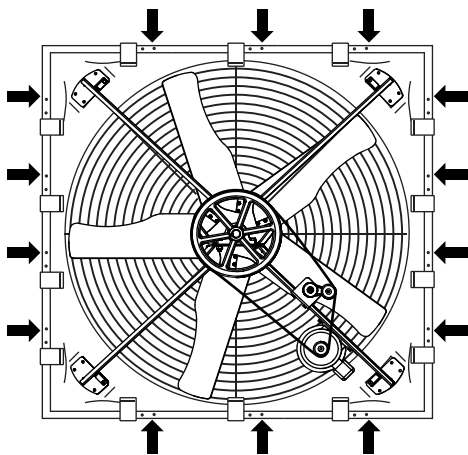


Using marks made in **Step 5** as your guide secure housing to structure using hardware suitable for your structure (not included) and washers compatible with your hardware (not included).

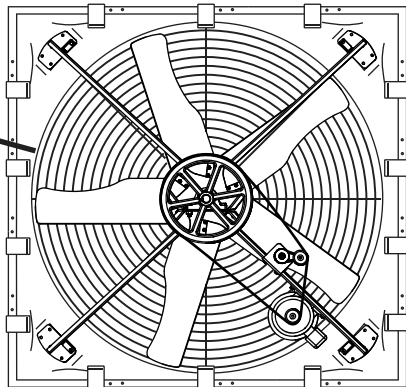
**DO NOT** secure through the sidewalls of the housing

**DO NOT** distort the housing

**Venturi must not be distorted and prop must be able to rotate freely and not come in contact with the housing**



**Venturi must not be distorted and prop must be able to rotate freely and not come in contact with the housing**



6

## ⚠ DISCONNECT POWER ⚠ BEFORE INSTALLING OR SERVICING.

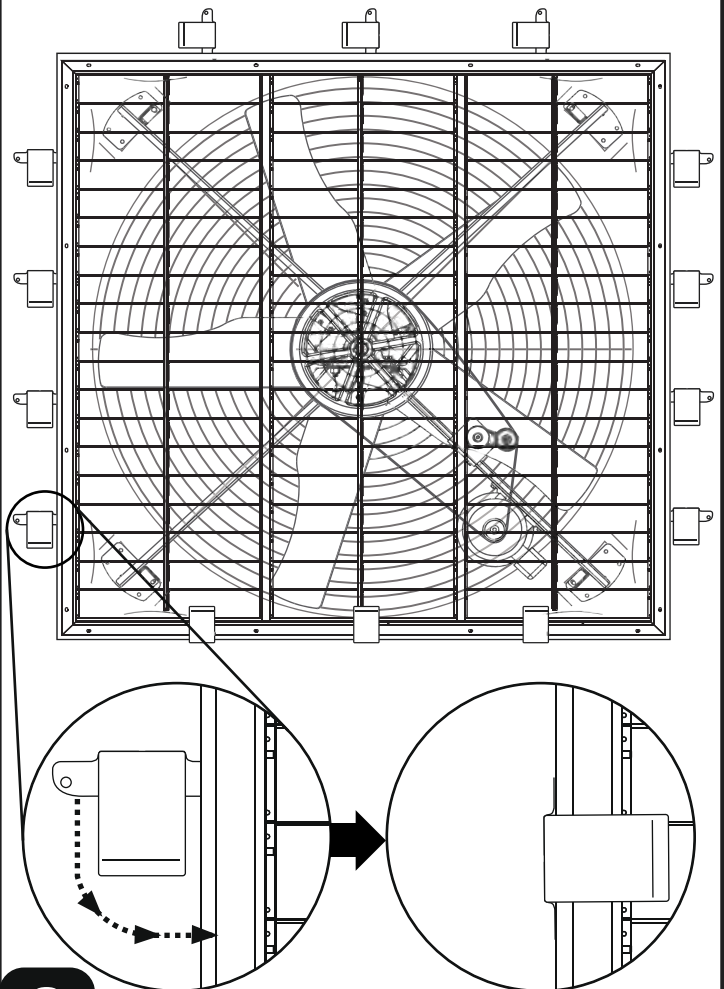
ALL ELECTRICAL WORK SHOULD BE COMPLETED BY QUALIFIED PERSONNEL AND MEET NATIONAL (NEC), REGIONAL AND LOCAL ELECTRIC CODES.

### Connecting power to the unit.

- Install manual disconnect switch inside building adjacent to fan.
- Route wire to motor with drip loop and secure. Drip loop will drain accumulated moisture away from the motor.
- Configure internal wires to match supply voltage and wire according to motor nameplate. Test to verify correct rotation.
- Shut off manual disconnect for remainder of install. Only permit power to unit when shutter and guard is fully installed to prevent injury.

7

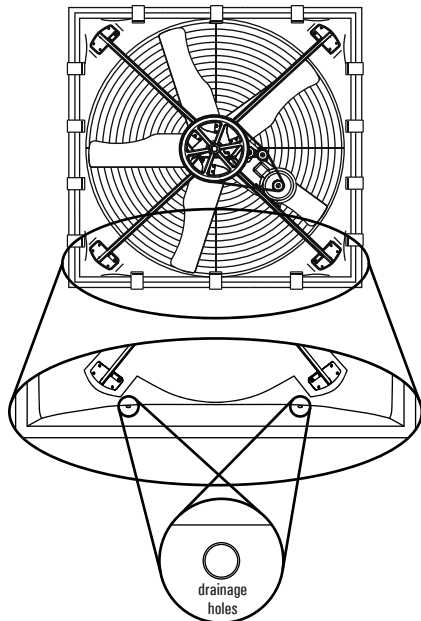
Swivel top and side shutter clips open. Set bottom shutter flange between housing flange and bottom shutter clips. Secure shutter by swiveling top and side shutter clips over shutter flange.



8

## MAINTENANCE INSTRUCTIONS

- To prevent serious injury or death, disconnect power before cleaning or maintaining fan or fan motor.
- Service and repair of fan and motor should only be completed by a qualified technician.
- Lubrication
  - If fan motor has grease fittings adhere to the lubrication schedule and quantity as stated on yellow motor label.
  - If fan motor does not have grease fittings it is sealed and does not require additional lubrication.
- Every 4 months or as required, remove dust and debris from:
  - shutter louvers
  - fan blades
  - motor
  - fan housing
  - guards
- If using a pressure or power washer to clean unit avoid:
  - motor seals
  - bearing seals
  - belt tensioner
- Housing drainage holes, as shown in illustration, need to be kept free from debris to allow water from cleaning or weather to drain.

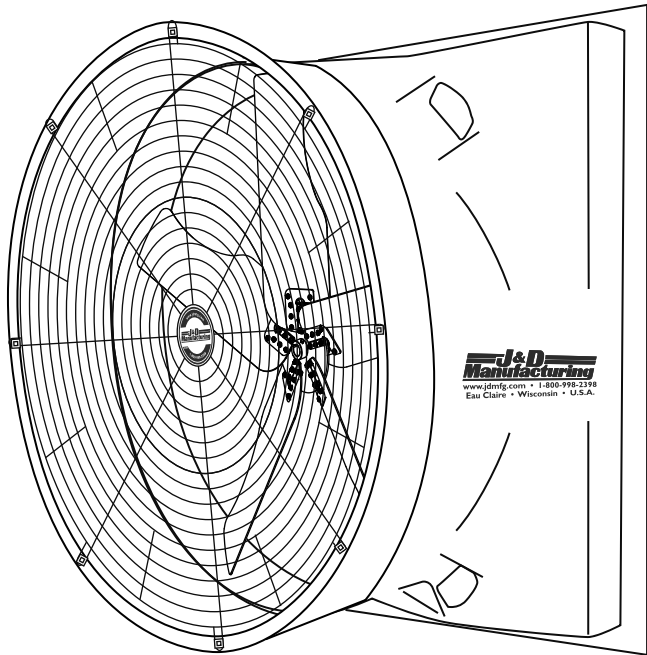


**Failure to follow maintenance instructions will void warranty.**



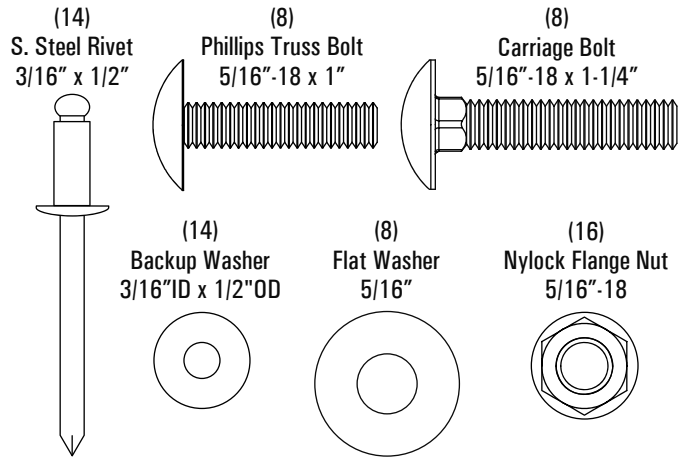
# J&D Manufacturing

## MEGA STORM WITH CONE 72" FIBERGLASS EXHAUST FAN



J&D Manufacturing  
www.jdmfg.com • 1-800-998-2398  
Eau Claire • Wisconsin • U.S.A.

### INCLUDED ASSEMBLY HARDWARE - TO SCALE

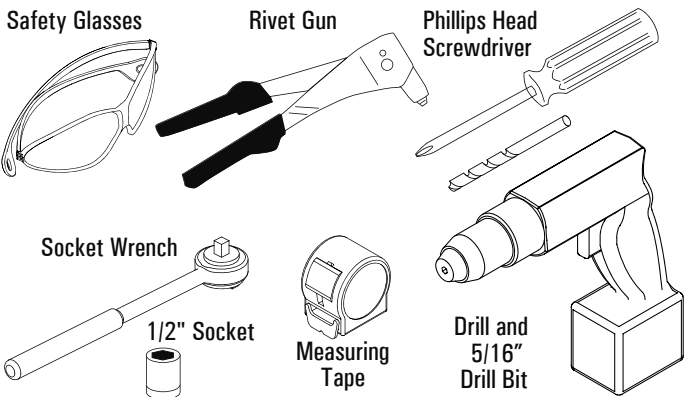


### INSTALLATION HARDWARE IS NOT PROVIDED

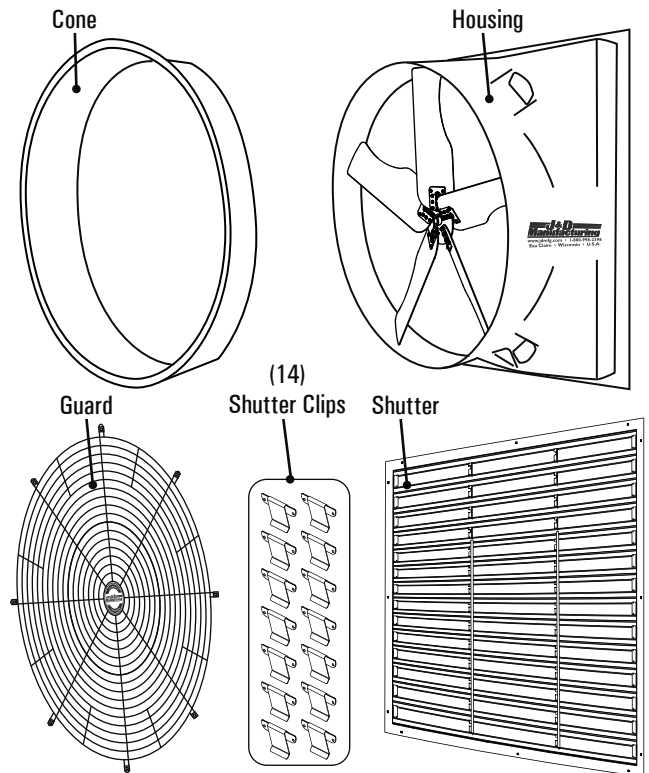
## WARRANTY

J&D Manufacturing warrants all products are free from defects in materials and workmanship under normal use for the period of one year from date of purchase. Our warranty does not cover normal or regular wear and tear. J&D Manufacturing can repair or replace at our option, any product or part of the product that is found to be defective. Our warranty applies to materials only, and does not include return freight, delivery, loss or damage to personal property, cost of removal or installation, any incidental or consequential damages or labor. This warranty does not apply to products which are misused, abused, altered, improperly installed or subject to negligence. All warranties must be approved through our warranty department. The original purchaser must present a copy of the invoice for the defective product. One year is our standard warranty unless specified on our literature or in the installation instructions or user manuals.

### RECOMMENDED TOOLS FOR INSTALLATION AND ASSEMBLY (NOT PROVIDED)



## PARTS LEGEND

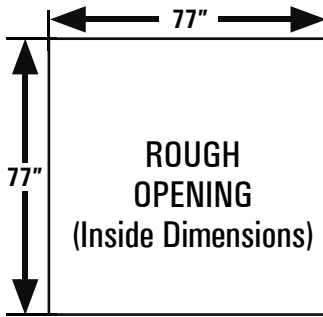


## INSTALLATION

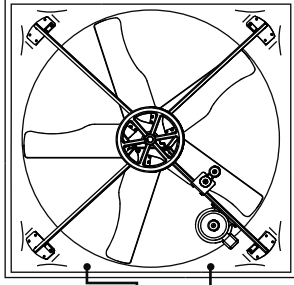
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Construct structurally sound 77" square rough opening.

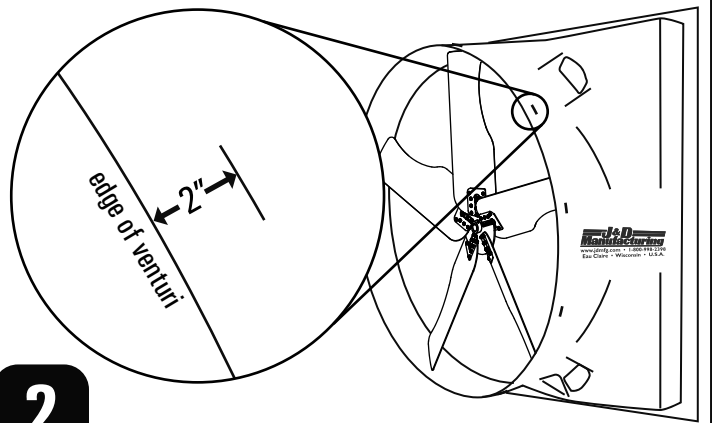
Correct orientation of fan. Drainage holes down. NOTE: Drainage holes **MUST** be free from obstruction.



View from inlet side of fan

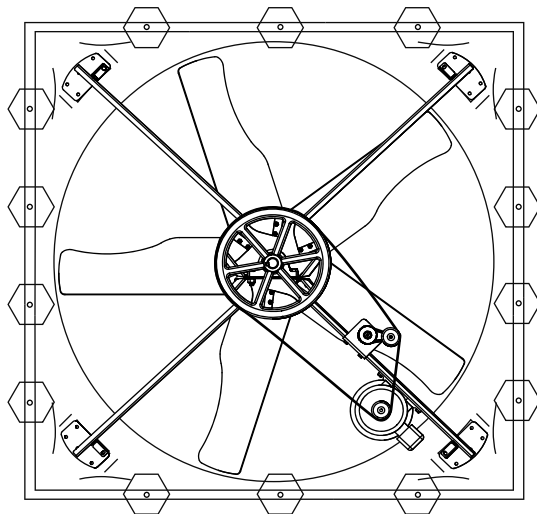


Measure and mark the exterior of the venturi 2" from edge of opening as shown in illustration. These will be your guides for properly installing the cone in **Step 6**.

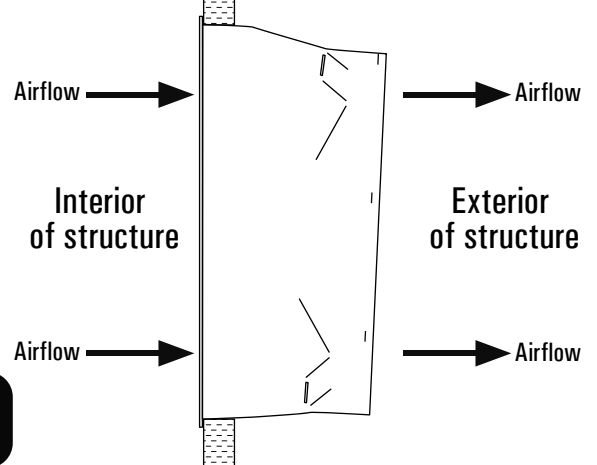


**2**

Using the 14 pre-drilled holes in the housing flange attach all (14) shutter clips with a rivet gun using (14) 3/16" rivets and (14) 3/16" backup washers. Review the illustrations below for placement and assembly.

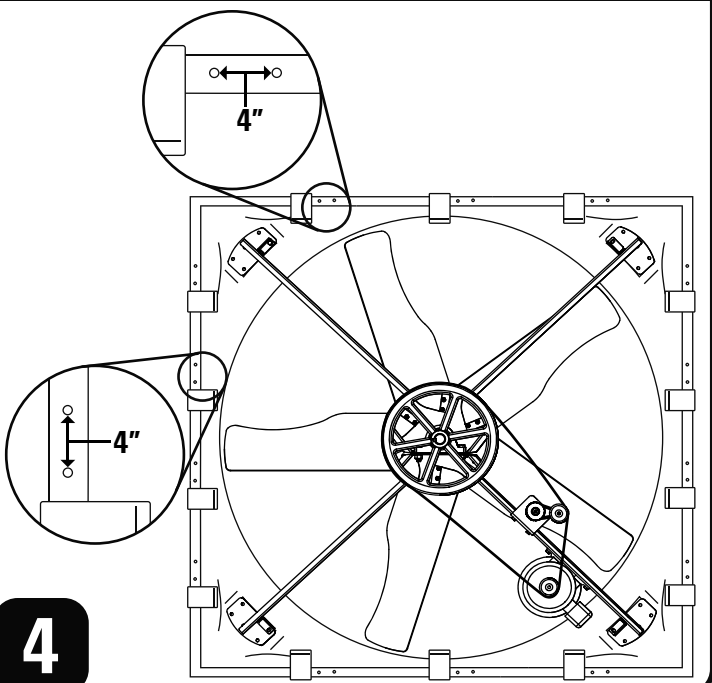


From the inside of your structure, insert fan into the finished opening.



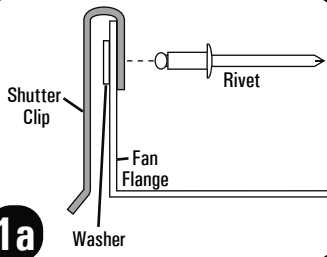
**3**

On the mounting flange measure and mark 4" from each of the 14 pre-drilled mounting holes used for attaching the shutter clips as shown.

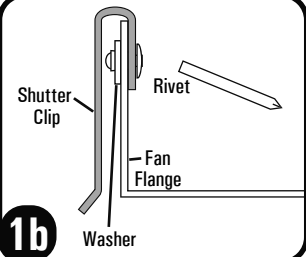


**4**

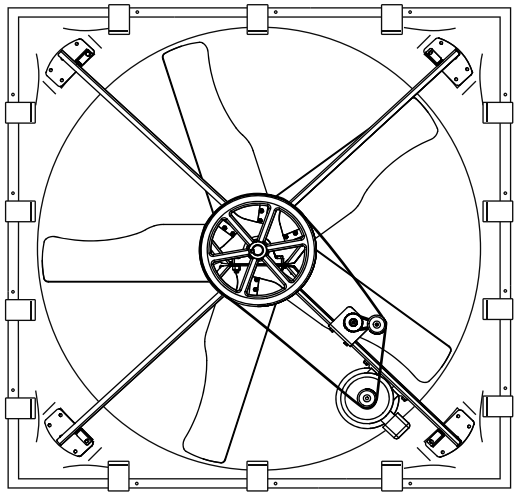
**1a**



**1b**



**1**

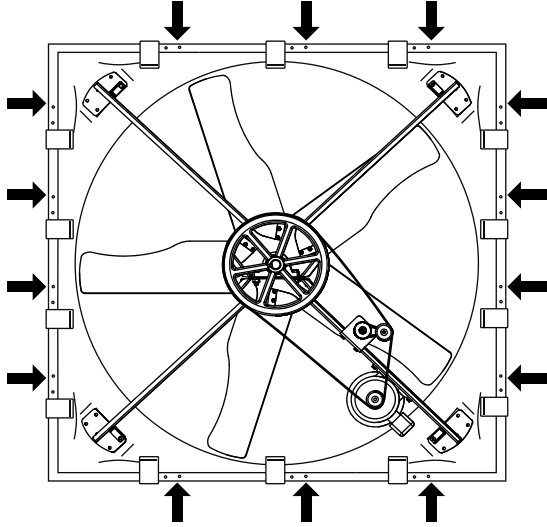


Using marks made in **Step 4** as your guide secure housing to structure using hardware suitable for your structure (not included) and washers compatible with your hardware (not included).

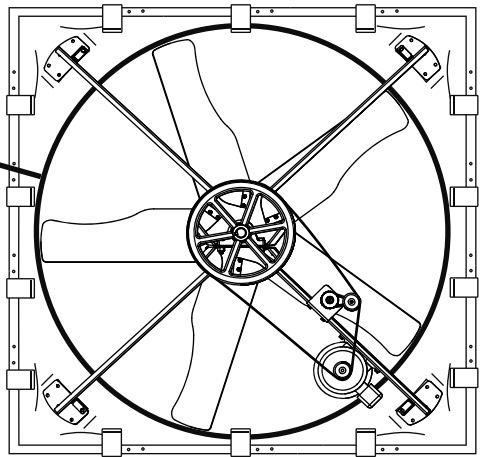
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**Venturi must not be distorted and prop must be able to rotate freely and not come in contact with the housing**

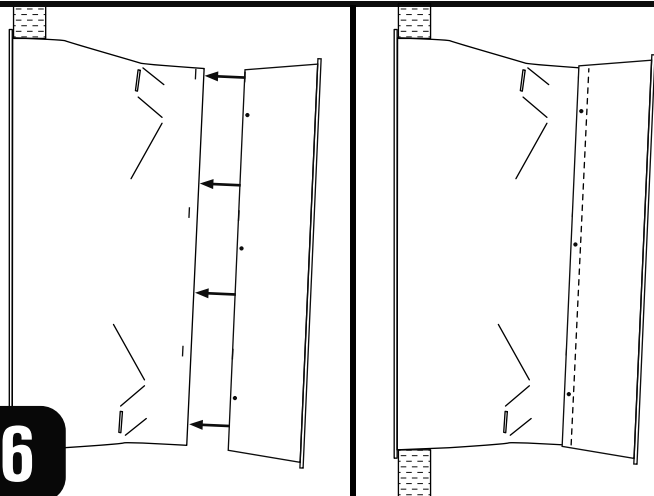


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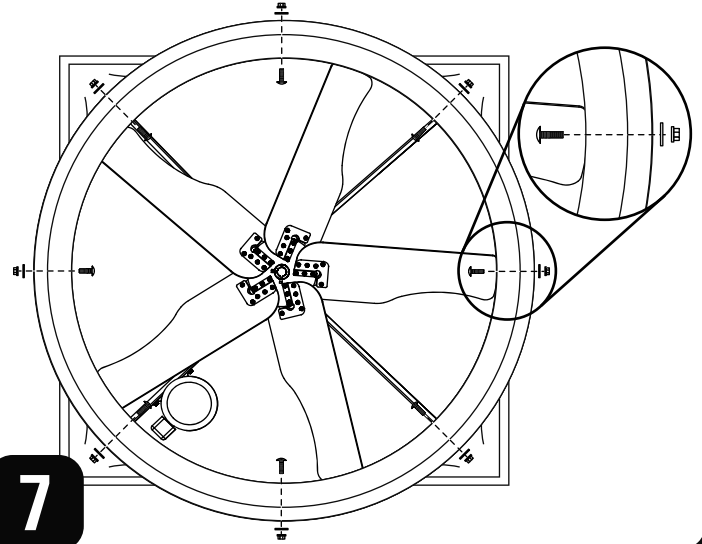
**5**

Slide cone onto venturi so that venturi and cone overlap by 2". Use marks made in **Step 2** as your guide.



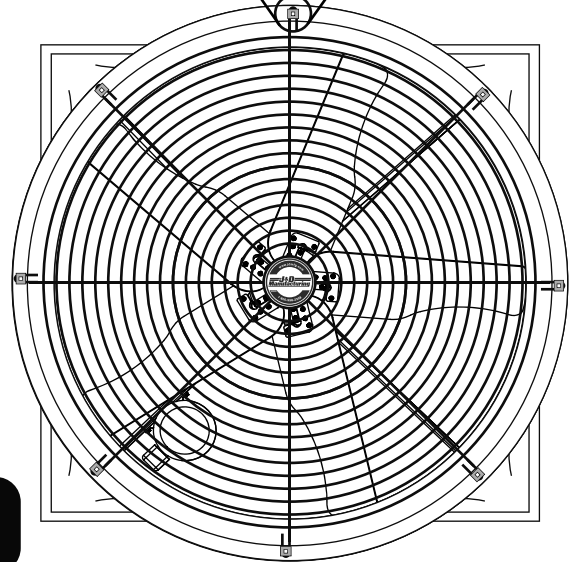
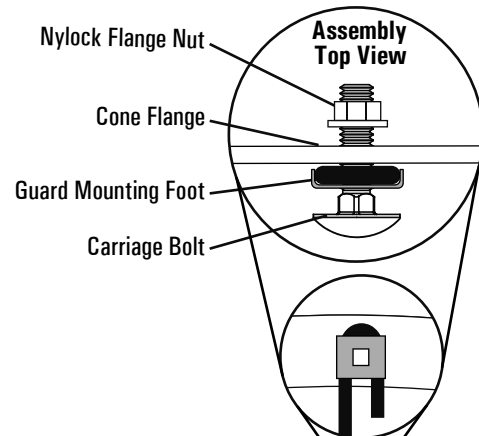
**6**

Using the 8 pre-drilled holes in the cone and a 5/16" drill bit, drill matching holes in venturi and secure with (8) 5/16" phillips truss bolts, (8) 5/16" flat washers, and (8) 5/16" nylock flange nuts. Insert bolt from the interior of the cone and secure with washer and nut on exterior.



**7**

Place guard onto cone flange. Using the guard mounting feet as guides and a 5/16" drill bit, drill holes through cone flange. Secure the guard to the cone using (8) 5/16" carriage bolts and (8) 5/16" nylock flange nuts. Review the Assembly Top View illustration for proper installation. Do not tighten until all have been assembled.



**8**

# DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

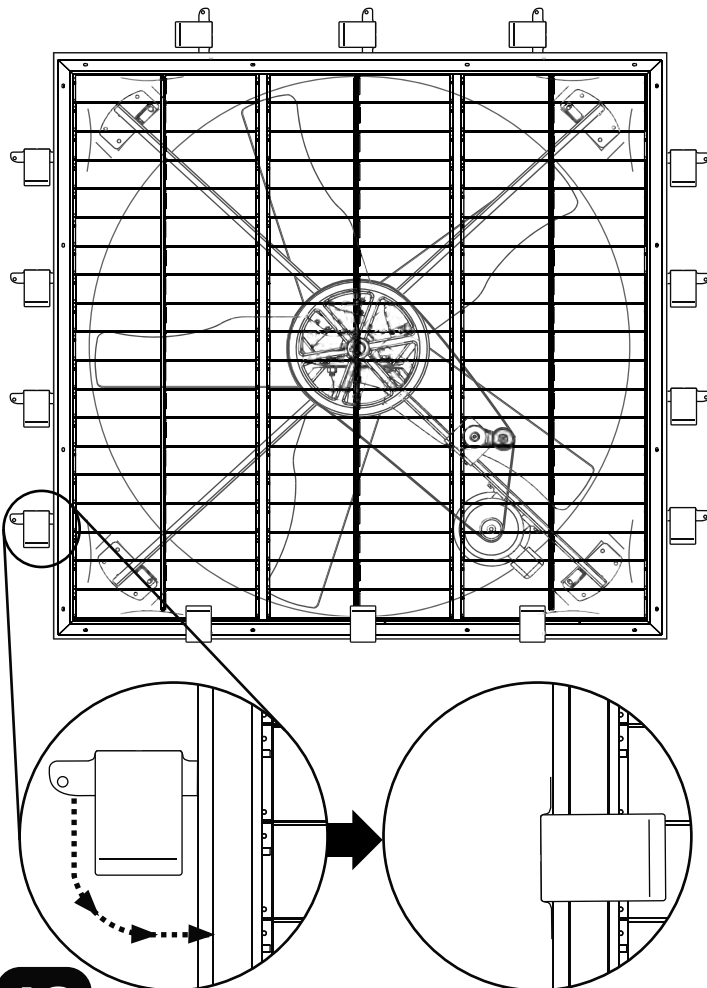
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9

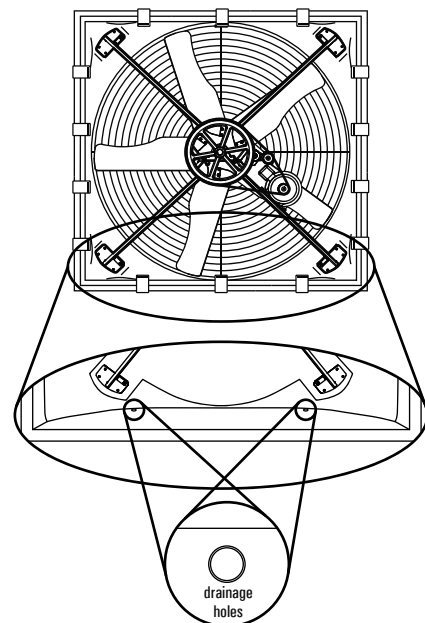
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10

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