

## STORM WITH CONE 55" Fiberglass Exhaust Fan



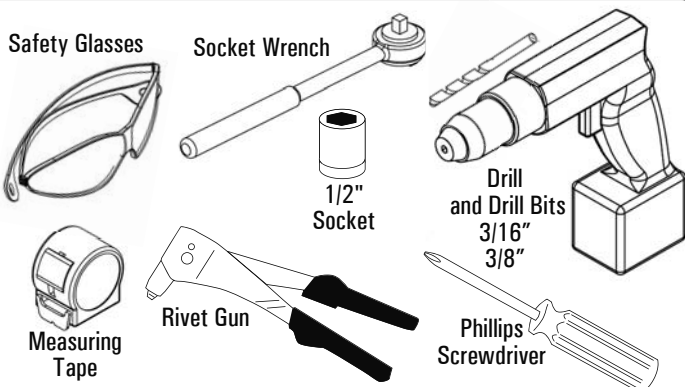
**NOTE:** Read ALL instructions over carefully before attempting to install the Storm with cone.

If you have any questions please call your local dealer or  
J&D Manufacturing at: 1-800-998-2398.  
Or visit our website at: [www.jdmfg.com](http://www.jdmfg.com)

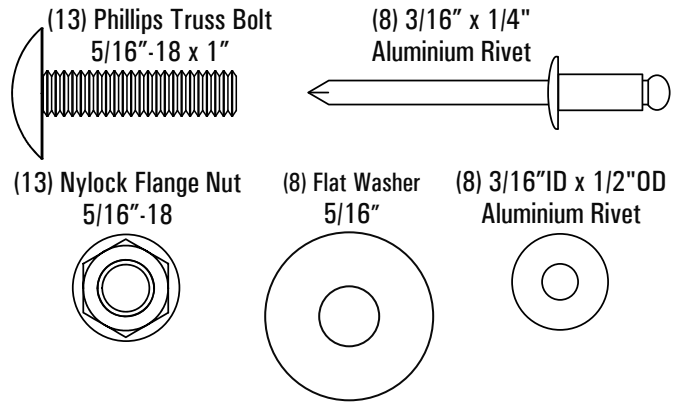
### WARRANTY

J&D Mfg. warrants all products are free from defects in materials and workmanship under normal use for the period of one year from date of purchase and our warranty does not cover normal or regular wear and tear. J&D Mfg 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/user manuals.

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

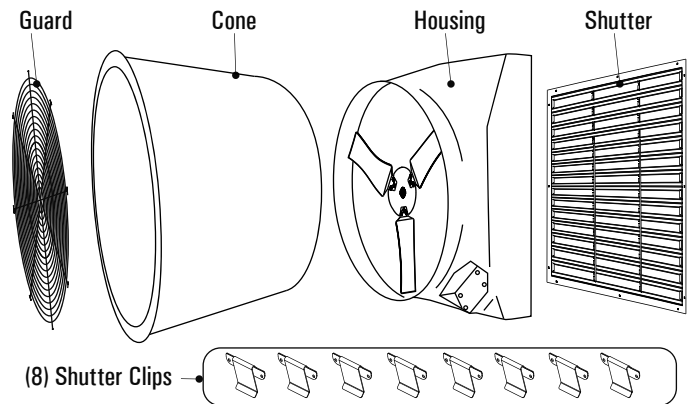


### INCLUDED ASSEMBLY HARDWARE - TO SCALE

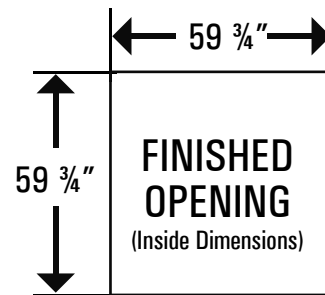


### INSTALLATION HARDWARE IS NOT PROVIDED

### PARTS LEGEND

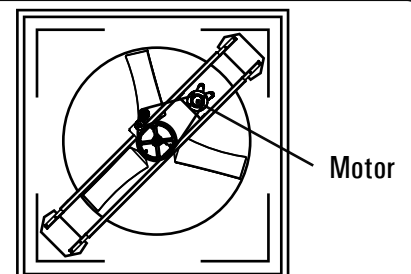


Construct structurally sound 59 3/4" square finished opening.

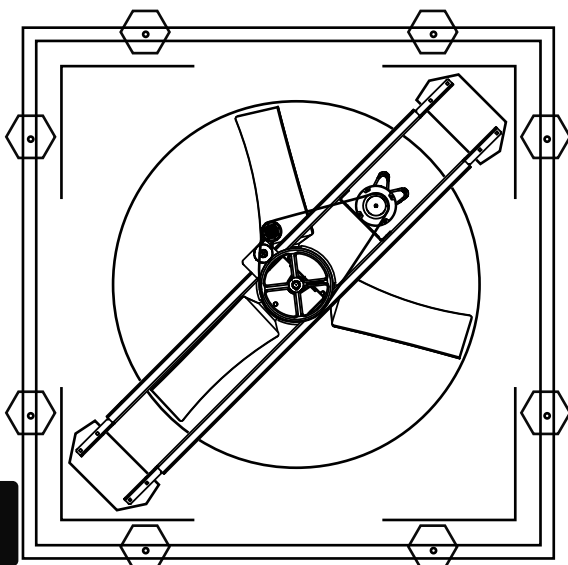
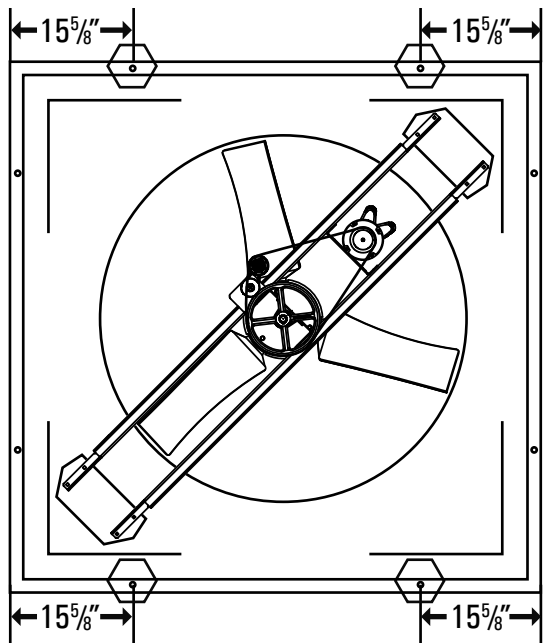
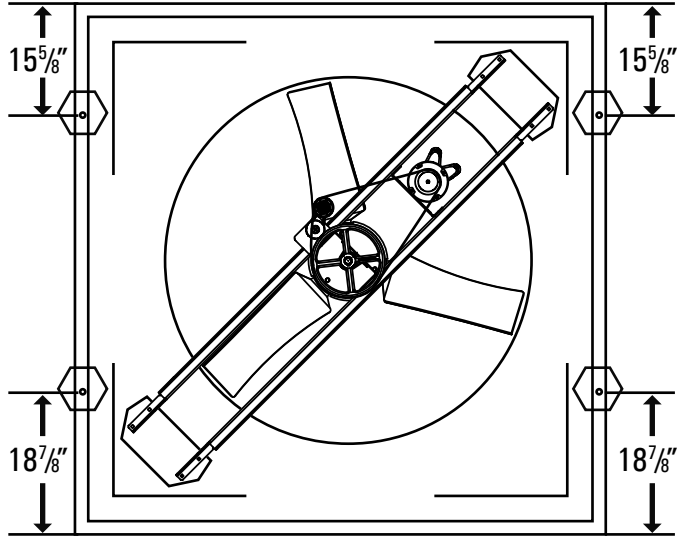


Correct orientation of fan. From the inlet side, the motor will be located above and to the right of the shaft.

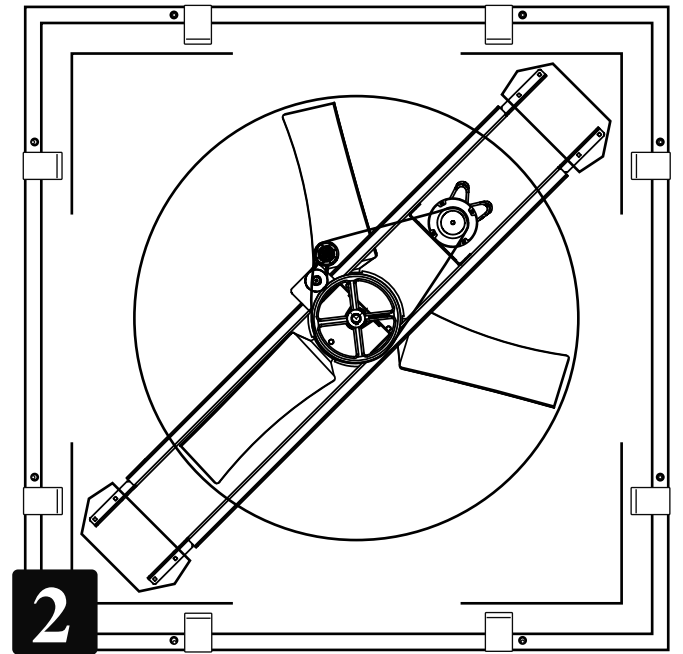
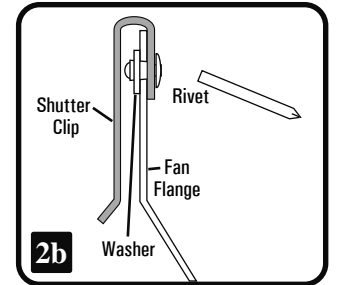
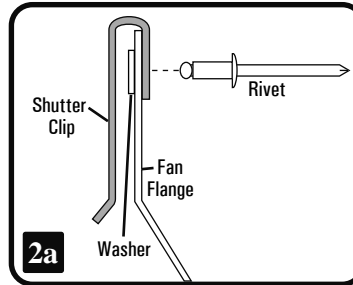
View from inlet side of fan



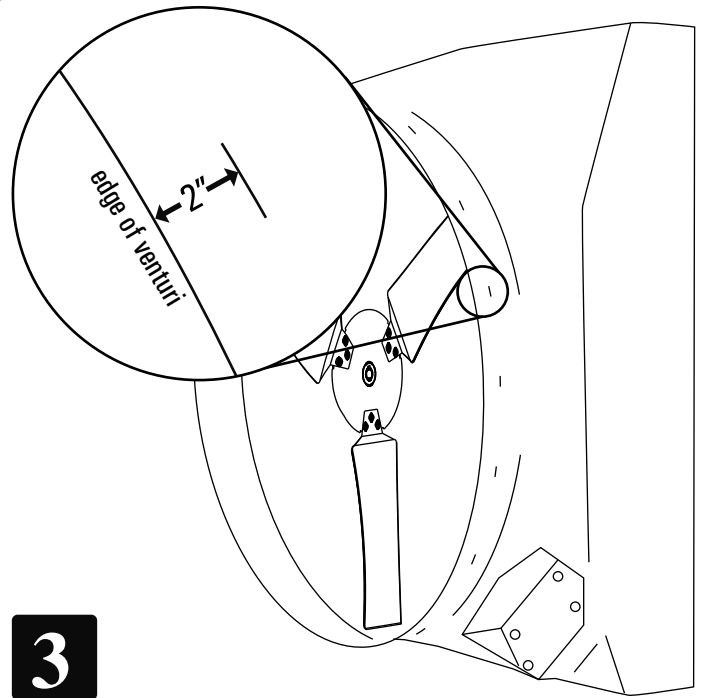
Using the measurements below and a 3/16" drill bit, drill a total of 8 holes in the housing flange 1/2" from the flange edge.



Attach all (8) shutter clips with a rivet gun using (8) 3/16" rivets and (8) 3/16" washers. Review the illustrations below for placement and assembly.



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 5.

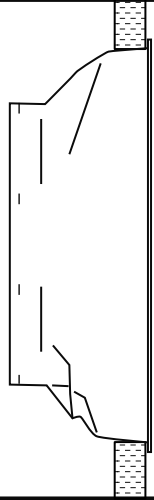


From the inside of your structure, rotate the fan housing until the motor is located above and to the right of the shaft, as shown in the illustration on the front page. Insert fan housing into the finished opening and secure all 4 sides to structure using suitable fasteners and washers (not included).

Exterior  
of structure

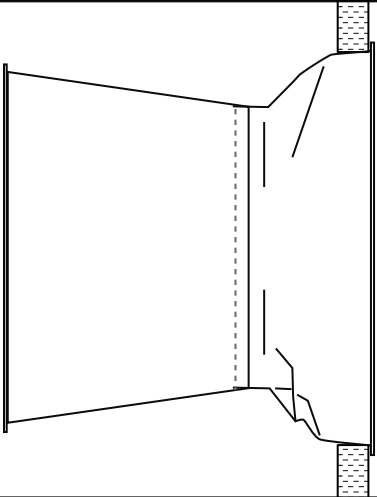
Interior  
of structure

4



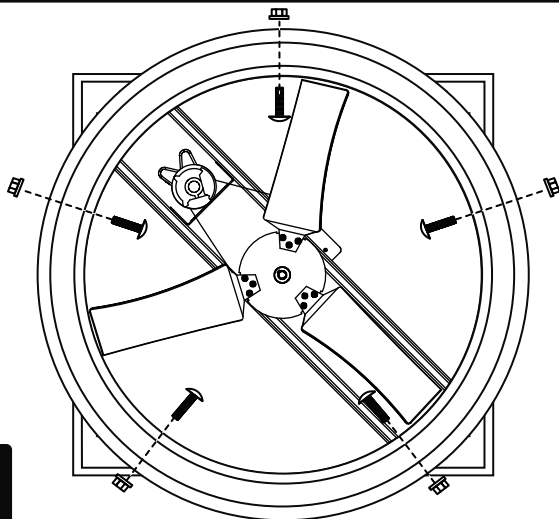
Slide cone onto venturi so that venturi and cone overlap by approximately 2". Use marks made in step 3 as your guide.

5



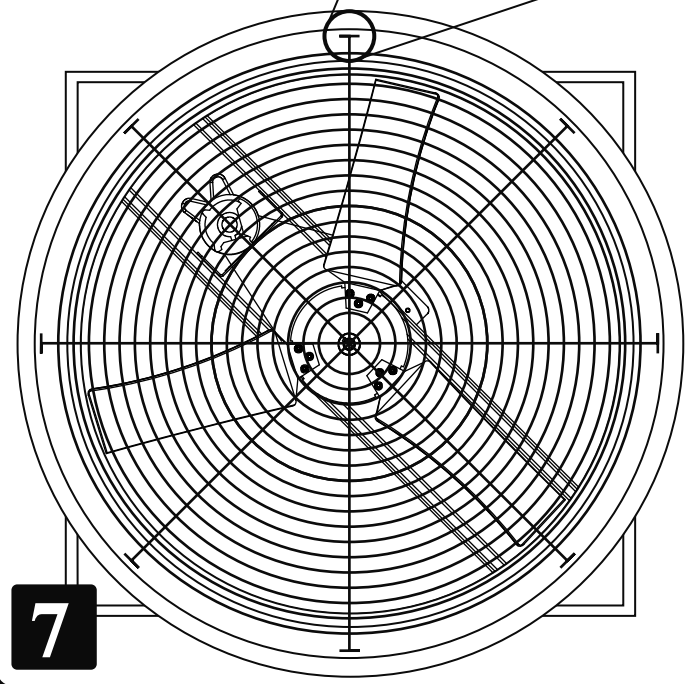
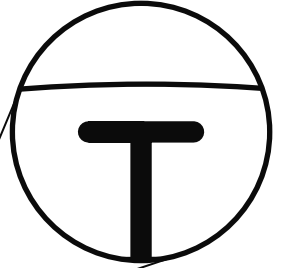
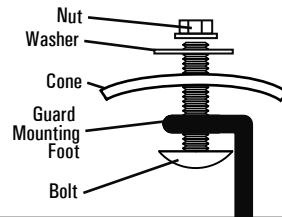
Using the 5 predrilled holes in the cone, drill matching holes in venturi and secure with (5) 5/16" Phillips Truss Bolts and (5) 5/16" Nylock Nuts. Insert bolt from the interior of the cone and secure with nut on exterior.

6



Insert guard into cone. Using the predrilled holes in the end of the cone, secure the guard to the cone using (8) 5/16" Phillips Truss Bolts, (8) 5/16" Flat Washers, and (8) 5/16" Nylock Flange Nuts. Review the Assembly Side View illustration for proper installation. Do not tighten until all have been assembled.

### Assembly Side View



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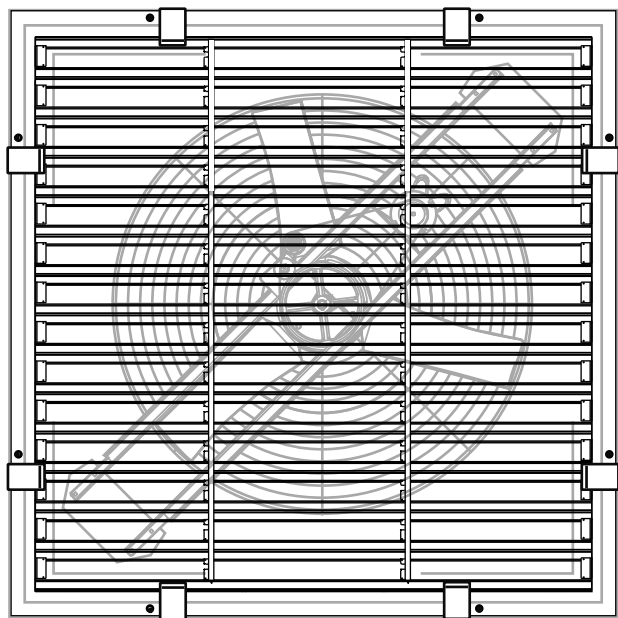
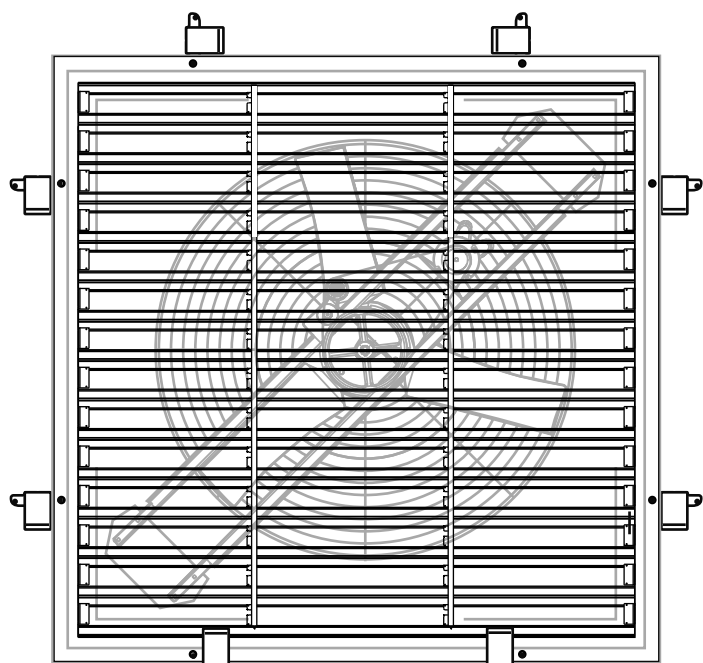
**ALL ELECTRICAL WORK SHOULD BE COMPLETED BY QUALIFIED PERSONNEL AND MEET NATIONAL, REGIONAL AND LOCAL CODES**

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.

8

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



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