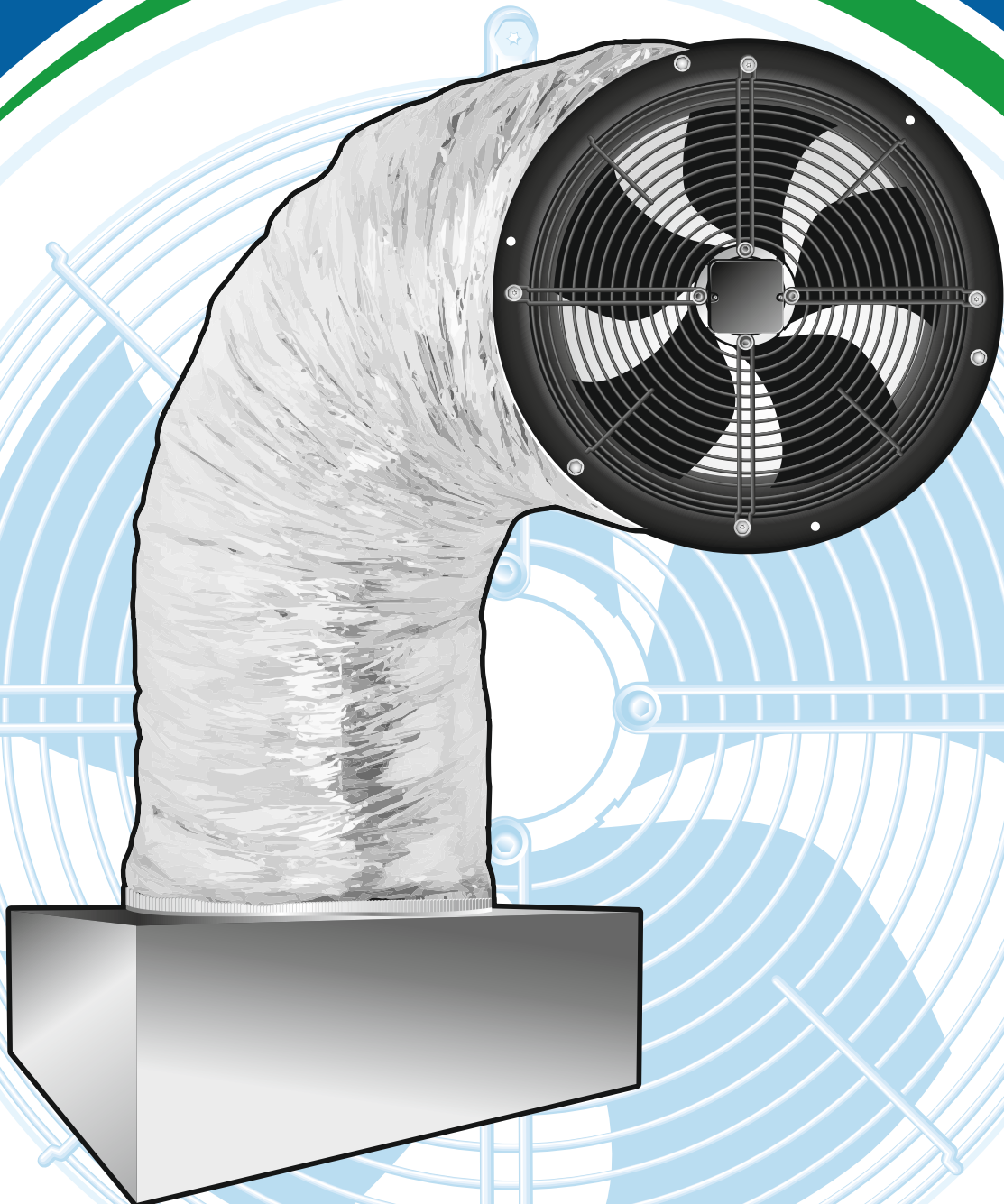




# ***Whole House Fan***

## Assembly Instruction





## READ AND SAVE THESE INSTRUCTIONS



### SAFETY INFORMATION

- Read the following safety information before installing this **Whole House Fan**.
- Failure to follow these instructions could result in personal injury, death or property damage.



### WARNING

**TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS. OBSERVE THE FOLLOWING**

- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Before installing, servicing, or cleaning the unit, main electrical disconnect switch must be in the OFF position and install a lockout tag.



### CAUTION - FOR GENERAL VENTILATING USE ONLY.

- Not designed to exhaust hazardous or explosive materials and vapors.

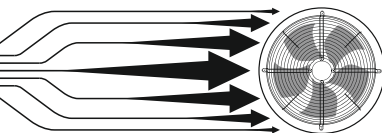


### WARNING

**TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS. OBSERVE THE FOLLOWING**

- Qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction, must do installation work and electrical wiring.





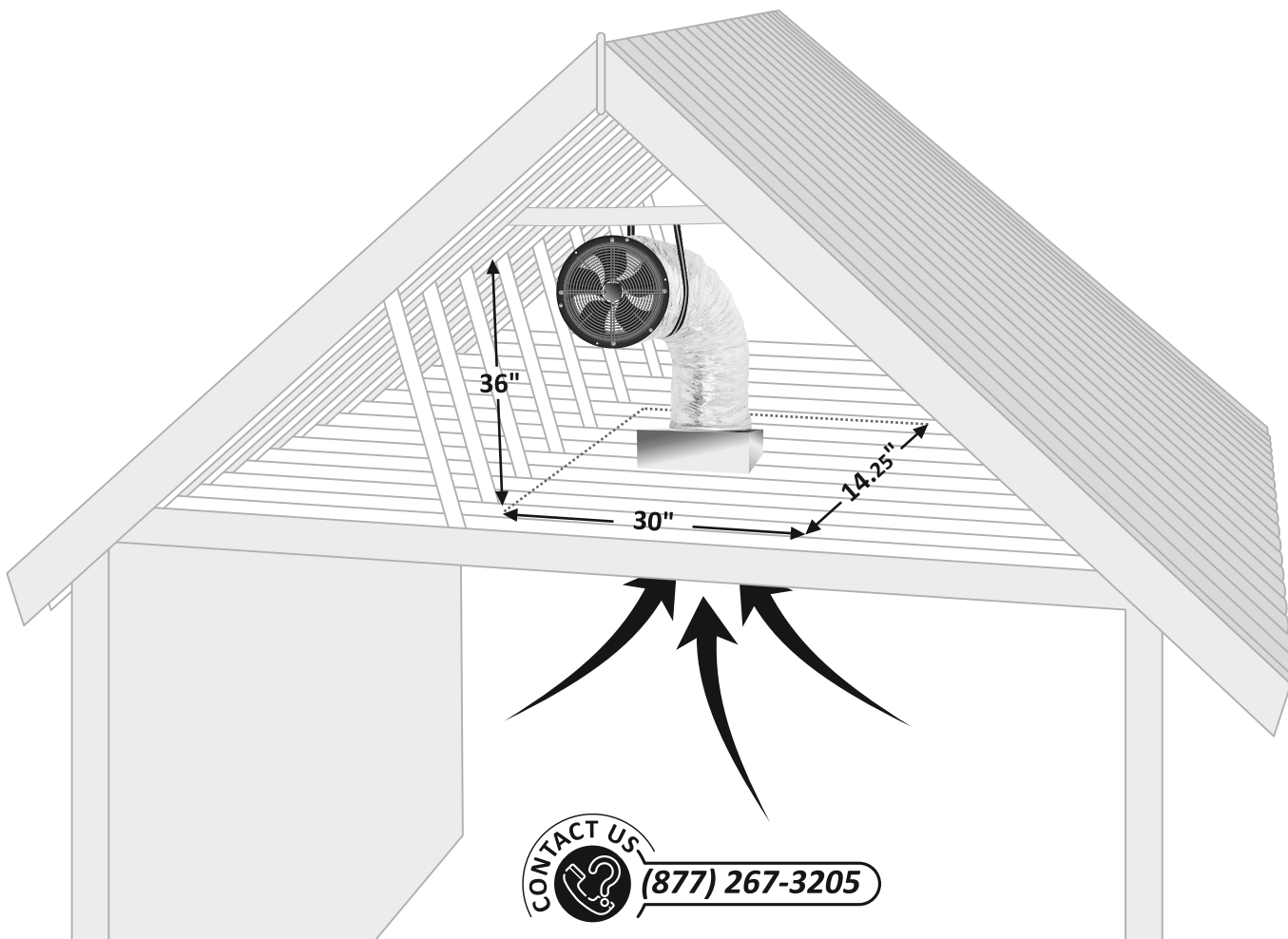
## WHERE TO LOCATE

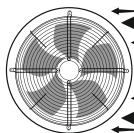
**Whole House Fans** are designed to pull in fresh, cool air from the outside through open windows in your home. Hot air that is in the home is pulled up through the intake grille and into the attic, and then exhausted through vents in the roof, under eaves, soffits or gables.

step 1

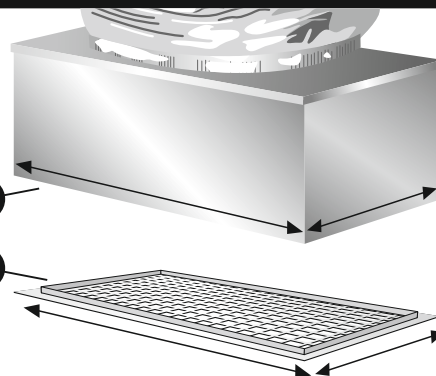
### SELECT THE INSTALLATION SITE

1. The unit is designed to be installed on the floor of the attic between the joist that are a minimum of 16" on center. Most modern homes are built with either 16" or 24" on-center (OC) joists.
2. Select the location for your new Whole House Fan. Usually, locating the fan in a central hallway or in the open area at the top of the stairs produces the most uniform airflow.
3. Once you have selected the installation site, check the attic immediately above the site to be sure that there are no ducts, piping or wiring obstructing the installation area.
4. Selected location should have unobstructed space above the floor joist of at least 14.25" W x 30" L x 36" H.
5. The Cold Climate damper box can be mounted in the horizontal or vertical orientation. Our recommended location is on a ceiling in the horizontal position. The Back Draft damper can only be installed in the horizontal position.

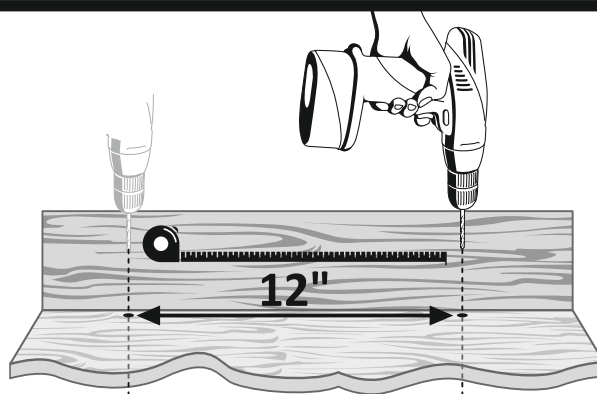


**WARNING**

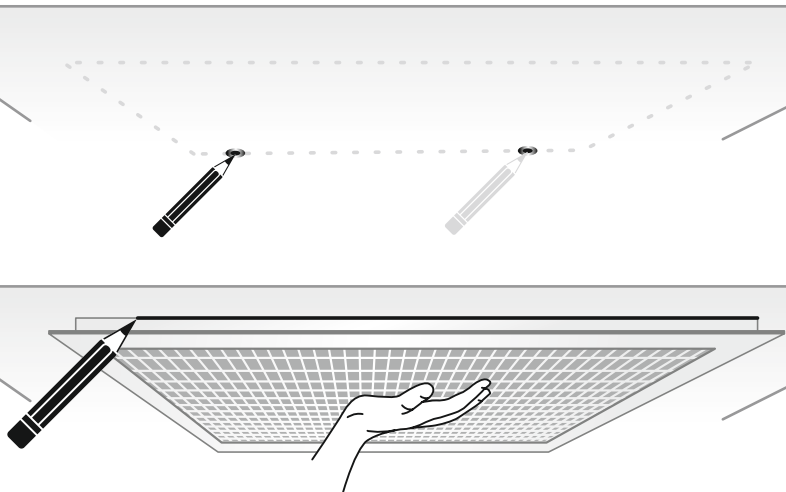
CUT OUT DRYWALL  
TO THE DIMENSIONS  
OF THE GRILLE  
AND NOT  
TO THE DIMENSIONS  
OF THE METAL DAMPER BOX.

**step 2**

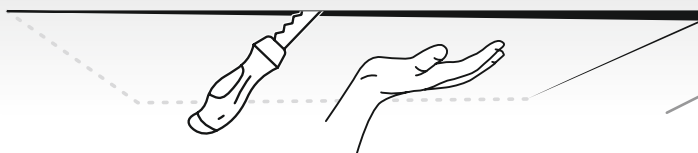
From inside the attic  
at your predetermined  
location drill two holes  
at the edge of the joist  
approximately 12 inches  
apart.

**step 3**

From inside the home  
use the two newly  
drilled holes as a guide  
to align the inner edge  
of the grill and outline  
with a pencil.

**step 4**

Using a drywall saw or  
similar tool, cut out the  
drywall.



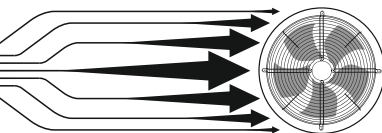
**Note:** Be sure to secure the drywall with one hand while cutting to prevent the drywall from falling or tearing away.

**Result**

**PARTIAL RESULT**

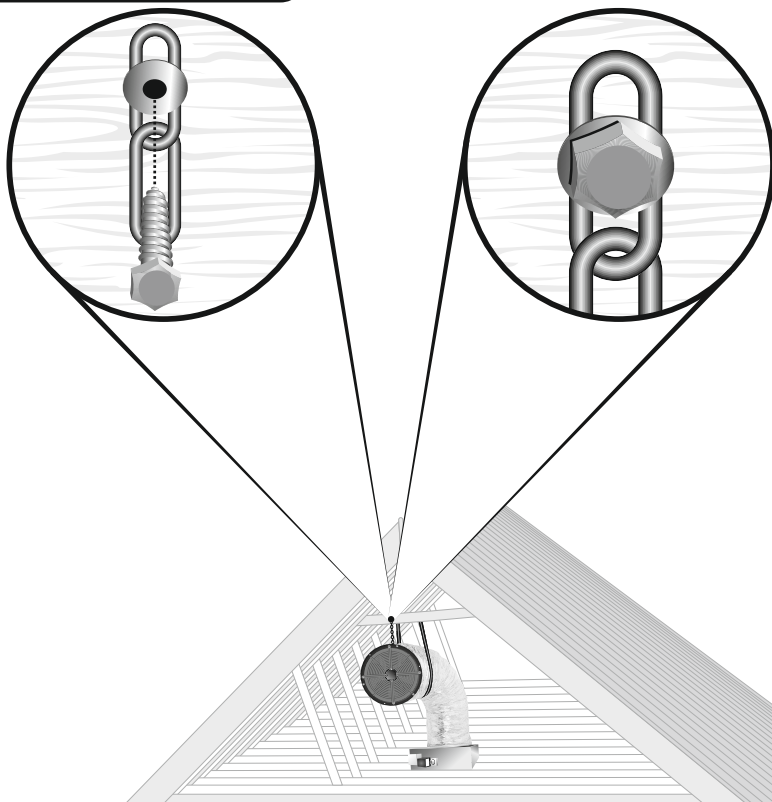






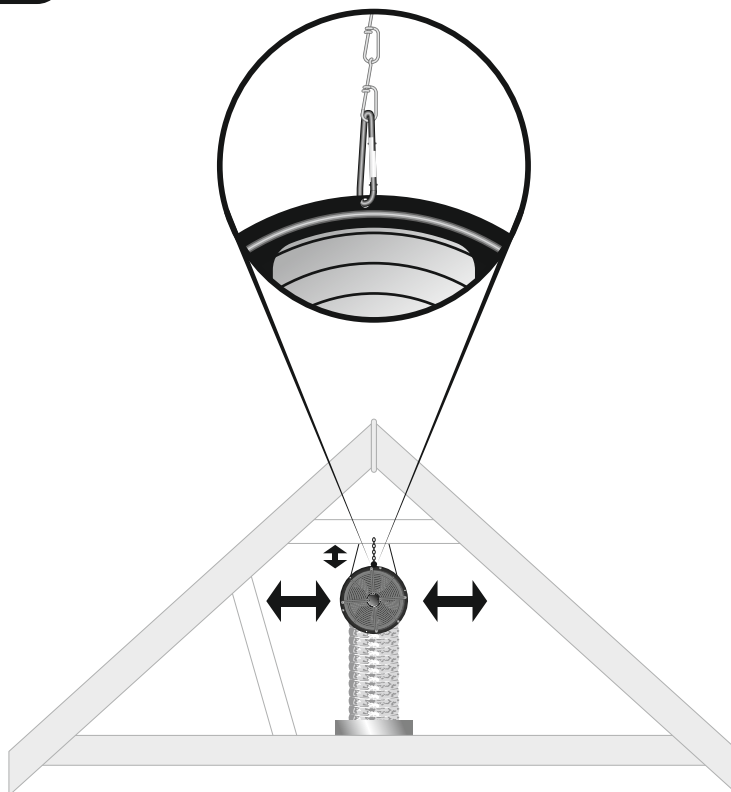
## step 5 MOUNTING FAN MOUNT CHAIN TO ATTIC FRAMING

Secure the chain with the spring-snap clamp to the attic framing using the supplied 1/4" lag screw and flat washer.

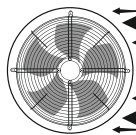


## step 6 SECURE THE FAN TO THE CHAIN

Mount the fan through one of the holes in the fan housing using the supplied spring-snap clamp.



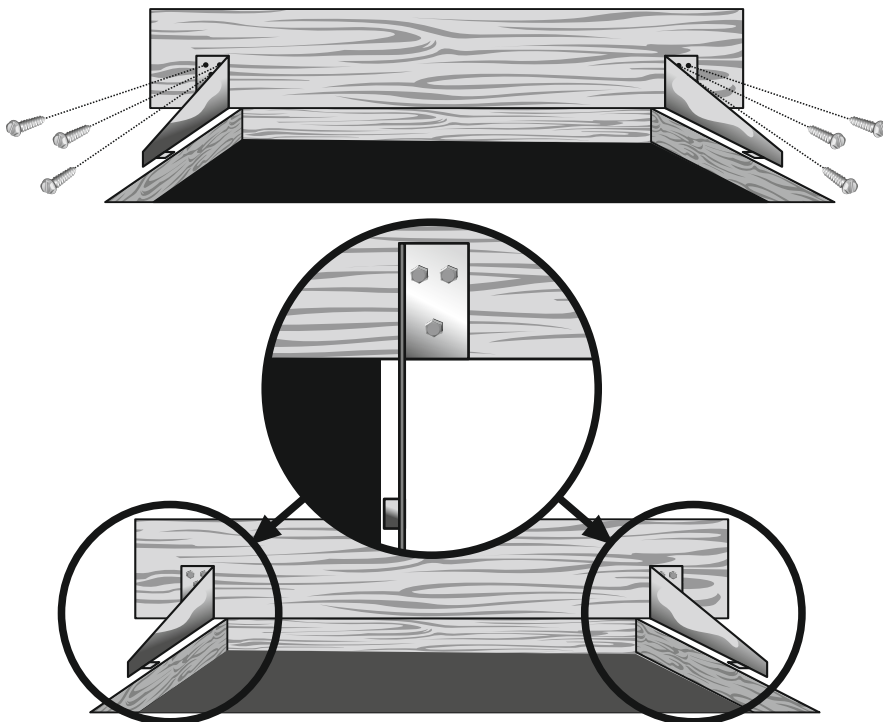
**Note:** In order to reduce the possibility of vibration make sure the fan housing doesn't touch any part of the attic structure.



step 7

**INSTALLING DAMPER BOX**

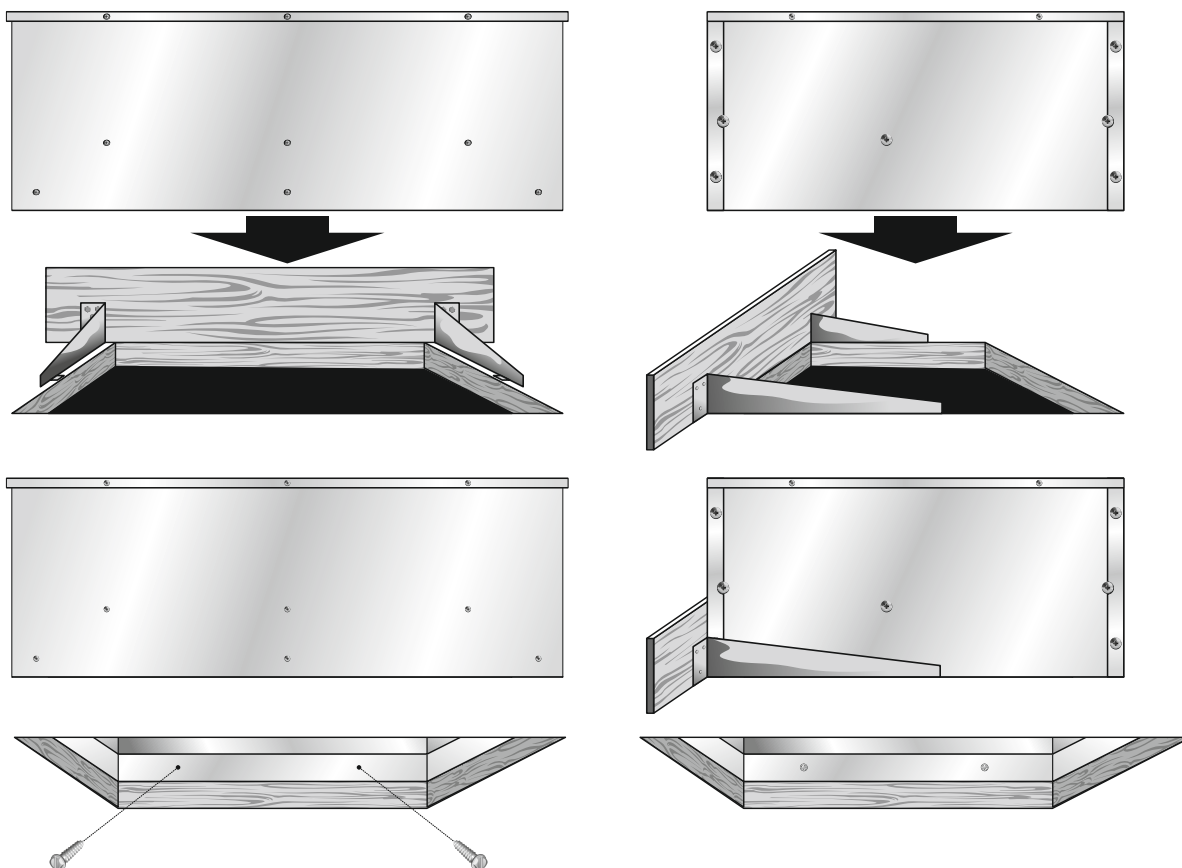
Attach the supplied brackets to the joist as shown in the picture using the 1.5" hex screws.

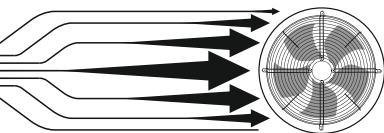


step 8

Place the damper box on top of the brackets as shown in the picture and screw one side of the damper box to the joist.

The brackets will support the weight of the damper box.





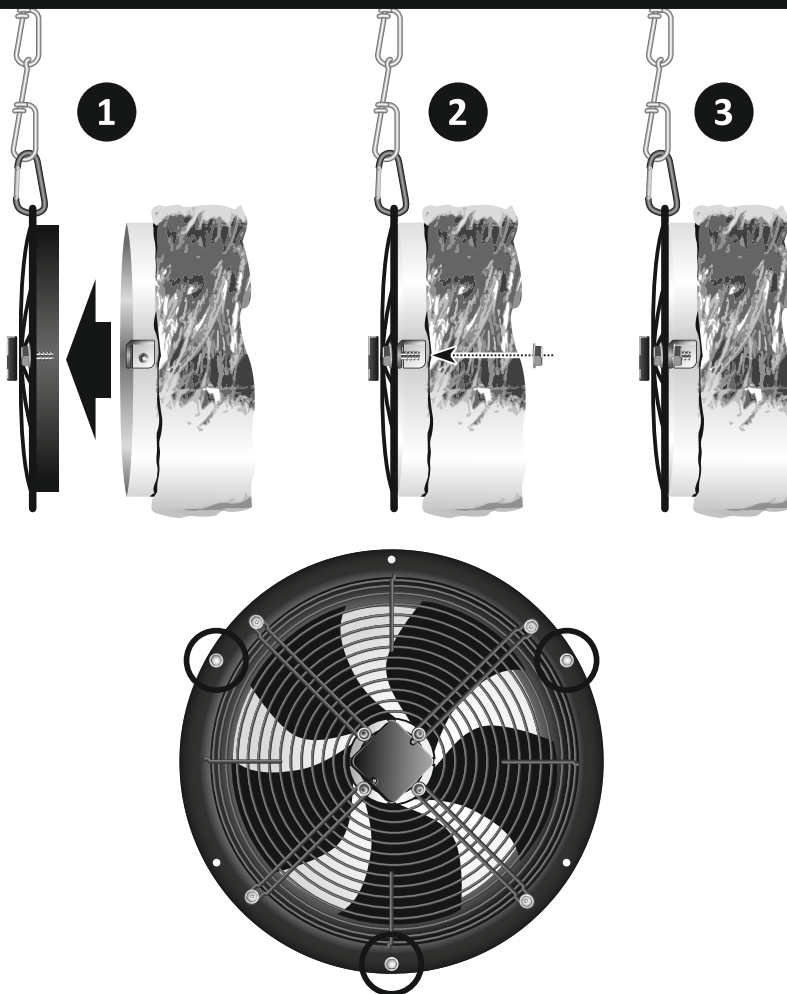
step 9

## ATTACHING DUCT

### IMPORTANT

DO NOT STRETCH  
DUCTING TIGHT FROM  
END TO END, ALWAYS  
LEAVE SOME SLACK,  
OTHERWISE THE TAPE  
WILL PULL AWAY FROM  
THE METAL COLLAR.

Place the end of the  
duct collar with the  
three (3) brackets over  
the fan shroud and  
secure with the 1/4"  
lock nuts provided.

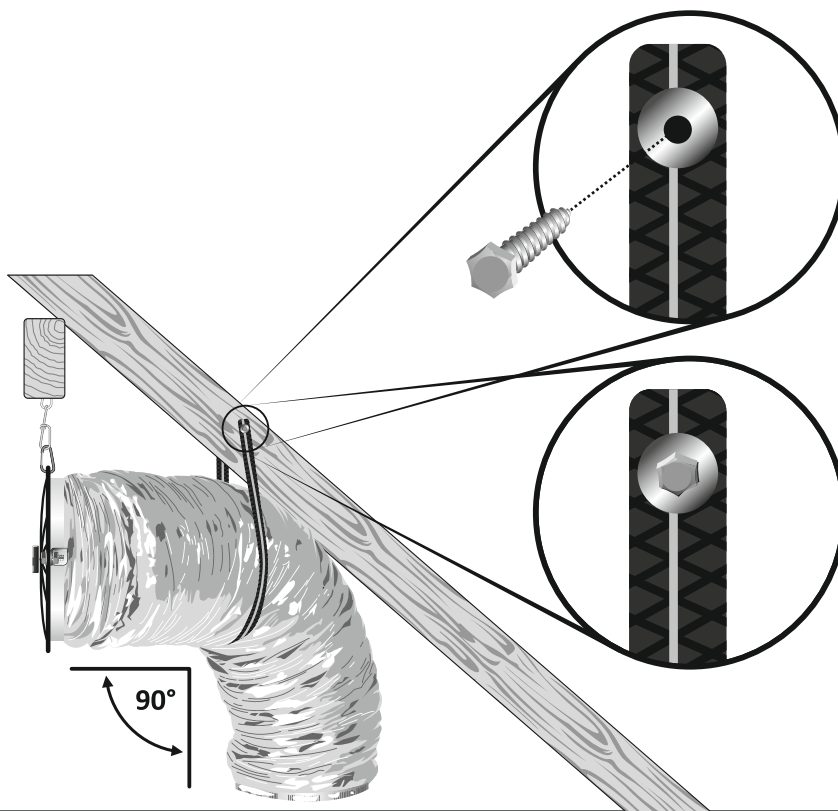


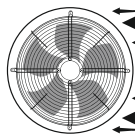
step 10

Using the black nylon  
strap hang the ducting  
from rafters with the  
1 1/2 hex screws and flat  
washers.

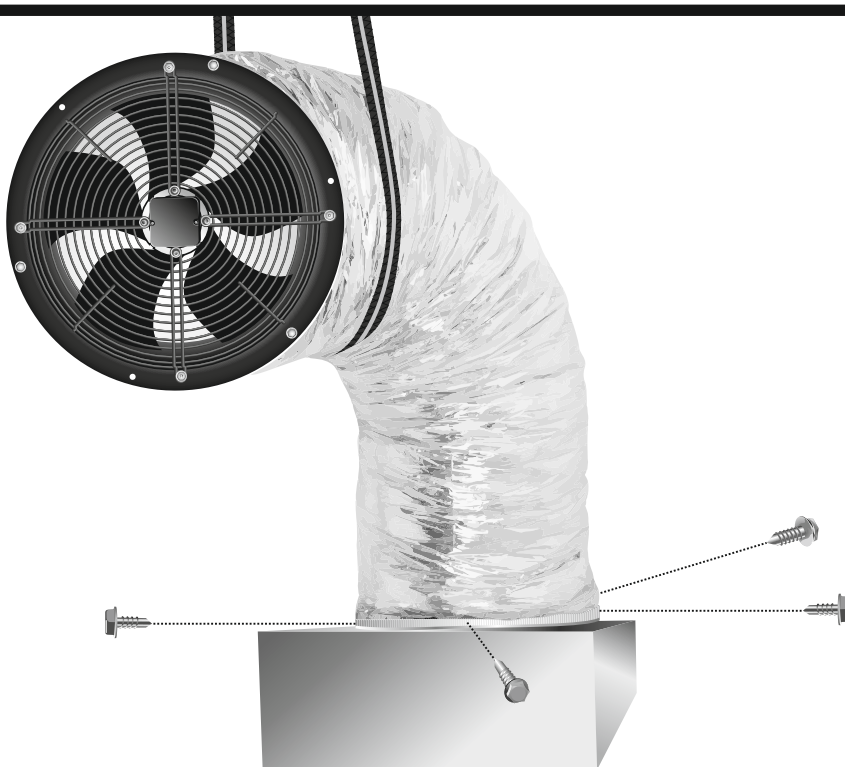
### NOTE

For a quieter operation  
be sure to get a 90 degree  
bend in the ducting.



**step 11**

Place the duct collar over the damper box and secure with the supplied self-taping screws.

**step 12****INSTALLING GRILLE**

Install the grille over the opening.

