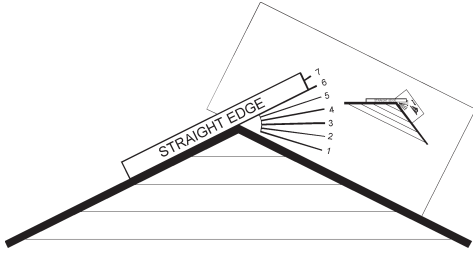
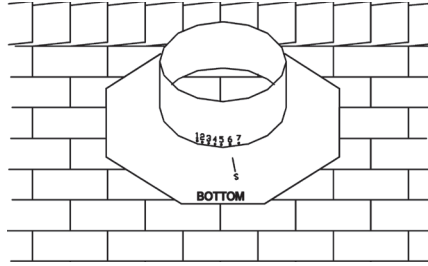


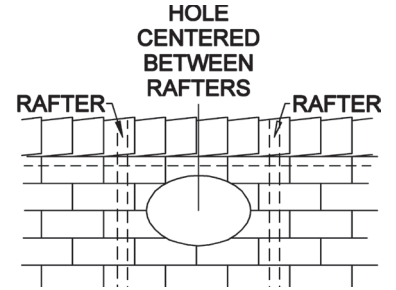
Installation Instructions For Galvanized Turbine GT-12 and GEB-12



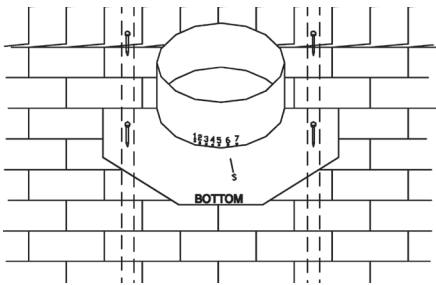
1. To determine roof pitch, use gauge on carton flap. Place on peak of roof and position straight edge as shown. Read roof pitch from printed gauge parallel to bottom of straight edge. This turbine is designed to fit 1/12 to 7/12 roof pitches.



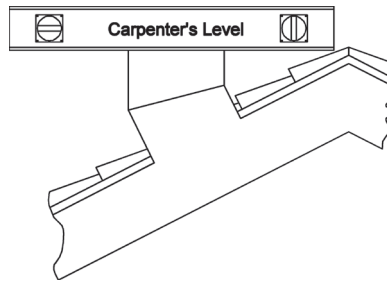
2. Slip elbow onto base. Turn elbow to align roof pitch number on elbow with indicator line on base and secure with three (3) sheet metal screws provided.



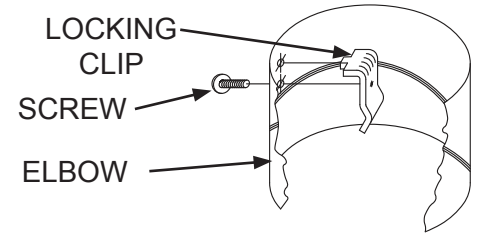
3. After finding the general location of turbines, (See location drawing on the back of this page.) Mark a hole on shingles between the rafters. Cut hole as marked. (Note: Turbines may be positioned over a rafter, however this will result in a slight decrease in efficiency. Do not cut the rafter.)



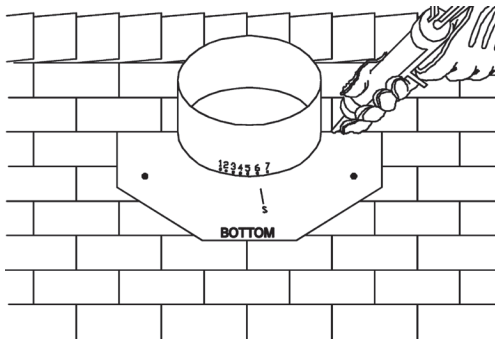
4. Lift tab of shingles and slide the top half of flashing under shingles and secure with nails as shown.



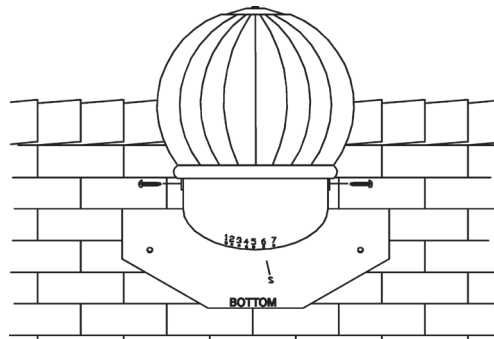
5. Rotate top of elbow to level position by turning counter clockwise.



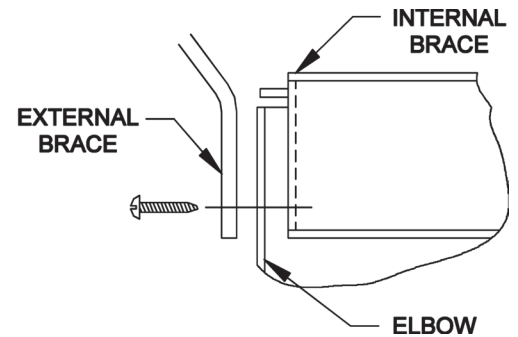
6. Place locking clamp across seam and tighten with included screw.



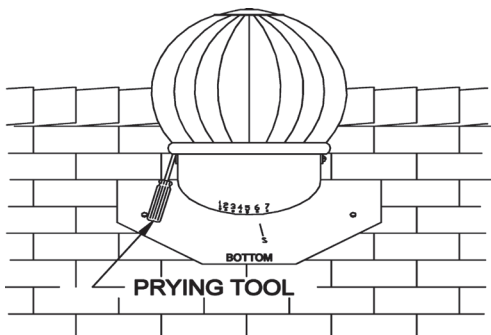
7. Seal the adjusting seam and the base/elbow connection seam on inside with roofing cement. Seal locking clamp holes and all exposed nails with roofing cement.



8. Position turbine on the base. Line up the predrilled holes in the brackets and base and fasten with sheet metal screws.



8a. Note: If you are installing a GEB-12 be sure to insert screw thru the external brace, elbow and internal brace.



9. After installing check to see that the turbine turns freely. In transportation it may have shifted slightly. If necessary, minor adjustments may be made by gently prying lowest point of turbine upward to remove any wobble.

NOTE: This turbine ventilator can be installed on existing galvanized or aluminum turbine bases of appropriate size.

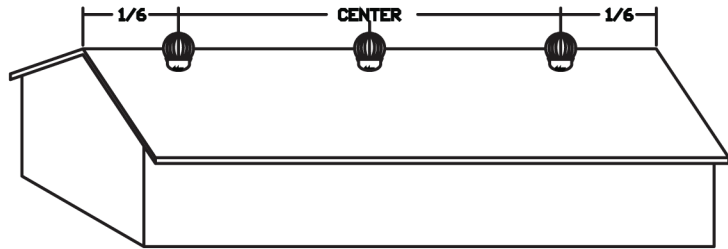
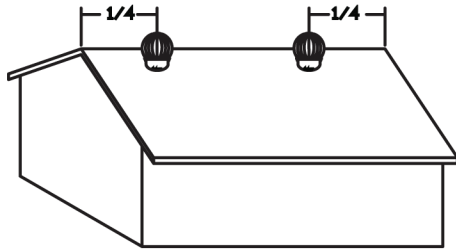
Limited Lifetime Warranty

The Lomanco GT-12/GEB-12 turbine is warranted to be free of defects in materials and workmanship under normal use for as long as the consumer purchaser owns the home on which the GT-12/GEB-12 is installed. Any defective merchandise must be returned to the factory, transportation prepaid and if found to be defective, it will be repaired or replaced free of charge, F.O.B. factory. INCIDENTAL/CONSEQUENTIAL DAMAGES TO PROPERTY RESULTING FROM A BREACH OF ANY WARRANTY MENTIONED HEREIN ARE EXPRESSLY EXCLUDED. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY APPLIES TO RESIDENTIAL USE ONLY. WARRANTY IS VOID IF USED ON FIREPLACE, CHIMNEY, OR STOVEPIPE.

TURBINE LOCATION DRAWING

Near the peak of the roof on a rear slope with the turbine top exposed to the wind from all directions. When installing two, place each one 1/4 the distance from each end of the house. When installing three, place one in the center and the other two 1/6 the distance from each end of the house.



Selecting The Location

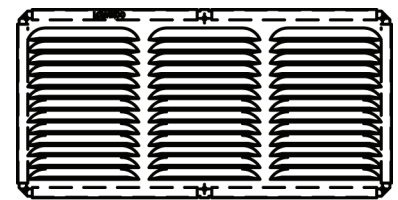
NOTE: To determine proper ventilation for your home, see chart below.

PROPER EXHAUST REQUIRES ADEQUATE INTAKE!!!

DO'S AND DON'TS FOR ATTIC VENTILATION.

- DO install all Exhaust Ventilation at the **SAME HEIGHT** within a common attic area. Installation of exhaust vents at more than one level on a roof allows the upper exhaust vent to wrongly pull air in from lower exhaust vent rather than from the soffit Intake Vents.
- DON'T install exhaust vents at different heights.
- DON'T install Ridge Vents down the hip.
- DO install **ONLY ONE TYPE** of Exhaust Ventilation within a common attic area. Exhaust Vents pull air from the easiest Intake source. The use of two or more types of exhaust vents such as Power Vents with Roof Vents or Gable Vents with Ridge Vents or Roof Vents could make one of these vents act as intake instead of pulling air from the soffit vents.
- DON'T mix different types of exhaust vents.
- DO install a **BALANCED SYSTEM** of Intake and Exhaust Ventilation. 50% Intake and 50% Exhaust is a balanced system. Improper intake will usually lead to snow or rain infiltration into the exhaust vents.

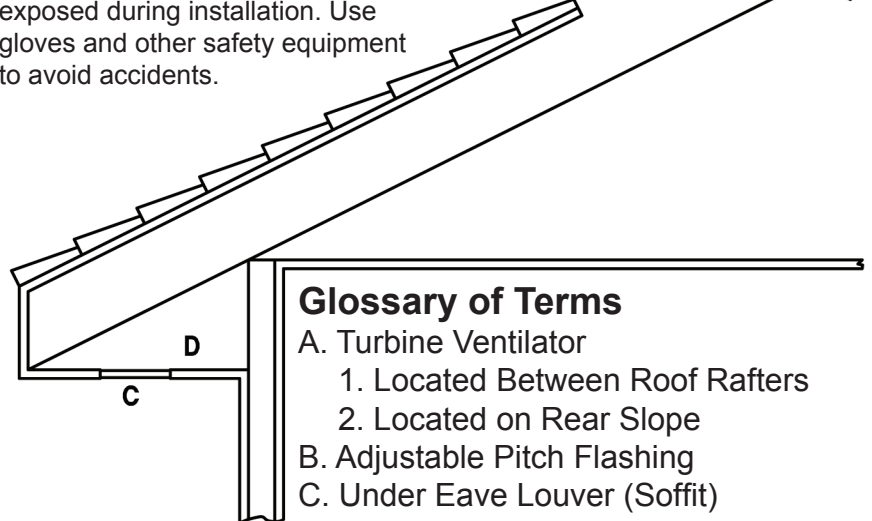
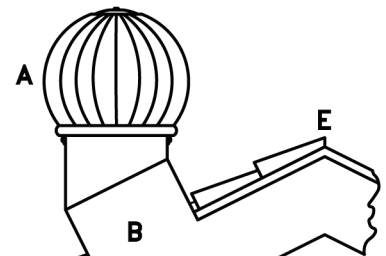
	Exhaust	Intake
Square Ft.	GT-12	C816
1000	2	16
1500	2	16
2000	3	24
2500	4	32
3000	4	32
3500	5	40



C816 Soffit Vent

- Tools needed:**
- Putty Knife
 - Screwdriver
 - Carpenters level
 - Key hole saw
 - Or saber saw
 - Utility Knife
 - Drill
 - Hammer
 - Ruler

WARNING: Sharp edges are exposed during installation. Use gloves and other safety equipment to avoid accidents.



Glossary of Terms

- A. Turbine Ventilator
 1. Located Between Roof Rafters
 2. Located on Rear Slope
- B. Adjustable Pitch Flashing
- C. Under Eave Louver (Soffit)
- D. Soffit
- E. Peak



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