

Turbine Ventilator

with Adjustable Base

ROOF PITCH

Turbine is applicable **up to 45°** roof pitch

TOOLS REQUIRED

- Screwdriver
- Utility Knife
- Carpenter's Level
- Reciprocating Saw
- Hammer
- Tape measure

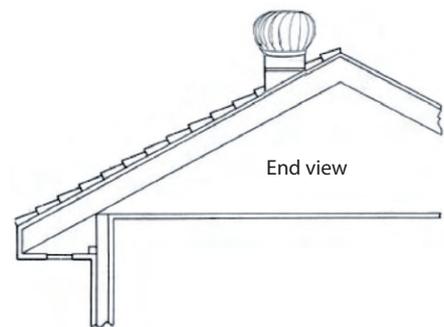
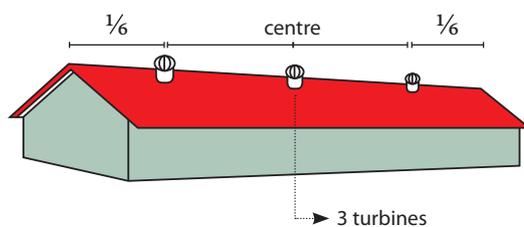
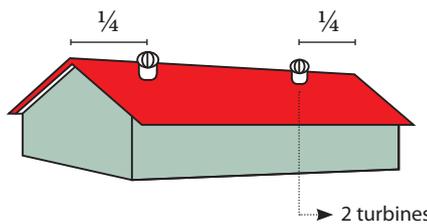


BEFORE YOU INSTALL

Install only one type of exhaust ventilation within a common attic area.

Install adequate intake Ventilation for a Balanced System (50% Exhaust & 50% Intake) in accordance with local building code requirements. Intake vents must be installed near the lower part of the attic area.

CHOOSING THE LOCATION OF THE TURBINE VENTILATOR



PRODUCT FEATURES

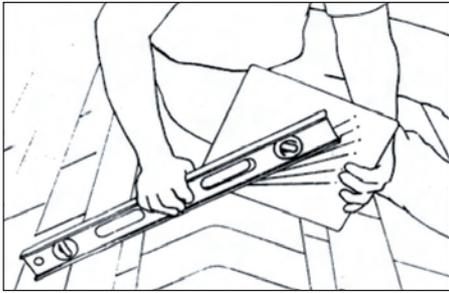
Maintenance-free top
& bottom dual bearing system

All aluminum construction

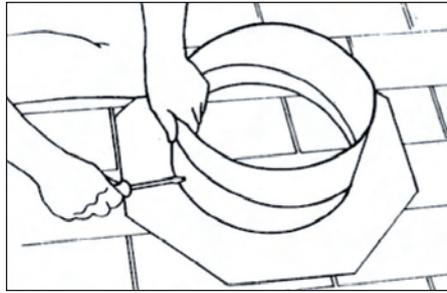
21 curved vanes with rolled vane edges to
deflect water

Heavy-duty polypropylene bracing system
• rust-free and longer-lasting
• internal rigid structure adds stability





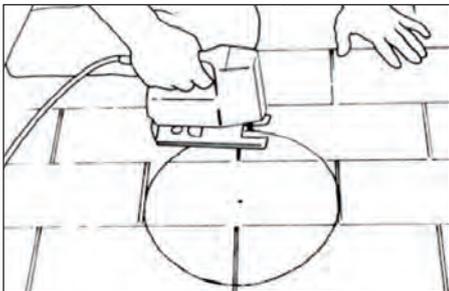
To determine roof pitch, stand pitch gauge on peak of roof. Place straight edge on opposite side of roof. Read roof pitch from printed gauge parallel to bottom of straight edge.



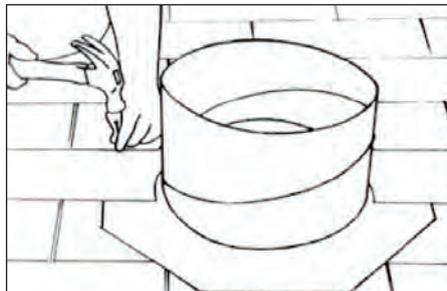
Align roof pitch number on collar with the indicator line on base flashing. Place 3 sheet metal screws through holes that align with predrilled base holes.



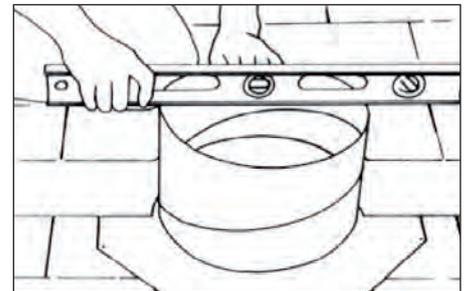
Choose location of turbine from the front page. Center between two rafters and mark hole to be cut.



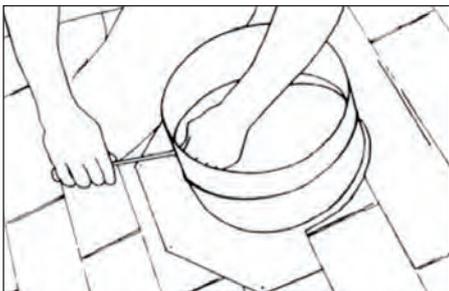
Cut hole as marked and seal around top and sides with roofing cement.



Slide top half of flashing under shingles all the way to the collar. Seal around and secure with the roofing nails at top, sides and bottom.



Turn top of collar counter clockwise to a level position.



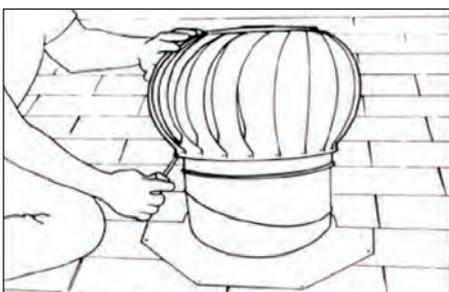
Place locking clamp across seam and tighten with included color-coded screw.



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



Position turbine onto the collar, locating the vertical legs into the collar slots. Install 3 sheet metal screws through the vertical legs and into the predrilled holes in the collar. Tighten the screws firmly, but do not over-tighten to the point that the screw strips out.



After completing installation, check to make sure the turbine turns freely. The turbine may have shifted in transportation. If necessary, gently pry lowest point of turbine upward to remove any wobble.

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