



SLANT BLASTER



Installation Instructions

Congratulations on your purchase of a Solar SlantBlaster roof vent. Solar Blaster uses the popular, industry standard Lomanco 750-G vent as its base vent and turns it into a solar-powered hybrid vent. You get all the benefits of a normal Lomanco passive vent which works 24/7 to exhaust damaging heat and moisture, along with the hybrid boosting power of a solar-powered fan to exhaust even faster when the sun is out!

IMPORTANT! READ ALL INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING TO INSTALL.

NOTE:

Most codes concerning residential attic ventilation require a balanced system of 50% top (exhaust) vents and 50% (intake) vents. When this balanced system is used, Solar Slant Blaster roof vents meet or exceed residential attic ventilation codes.

IMPORTANT!

- Examine your roof configuration and determine the correct amount of vents needed for proper ventilation of your space. You can use a Lomanco ventilation guide to determine the amount of intake vents required for your chosen exhaust vent.
- Installation of Lomanco Roof Vents should comply with all local codes and standards.
- WARNING! Sharp edges are exposed during installation. Use gloves and other appropriate safety equipment to avoid injury.

INSTALLATION:

1. Vents should be evenly spaced on the rear slope of the roof.
2. Center the vent opening between rafters and roughly 24" (36" Max.) down from the ridge line to keep the top of the roof vent below the ridge line. Mark this position.
3. Using marked position as center point, scribe a circle of the required diameter for the model vent being installed. Use the chart below to determine the required opening size.

Model Number	Opening Size (dia)
750-G	8"

Drill a starter hole inside the scribed lines.

THREE MUST DO Steps to attic ventilation

1 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 pull air in from lower exhaust vents rather than from the intake vents. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.

2 Install ONLY ONE TYPE of Exhaust Ventilation within a common attic area.

Exhaust Vents pull air from the easiest intake source. Vent types cannot be mixed. The use of different types of exhaust vents could make one of the vents act as intake for the other. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.

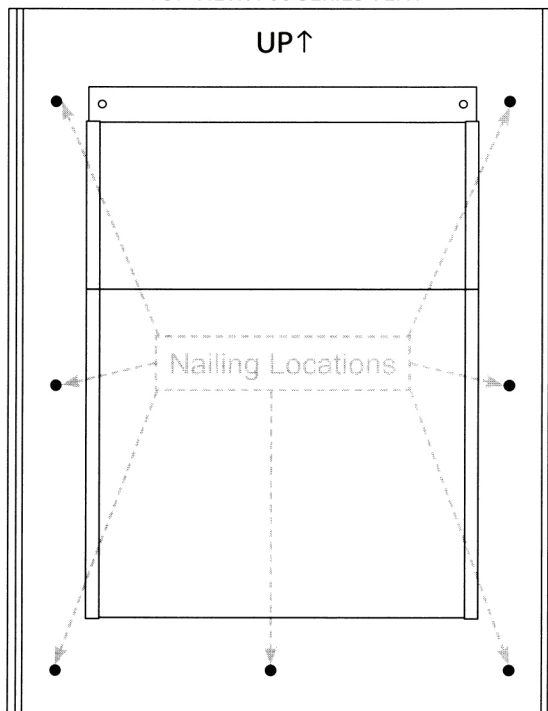
3 Install a BALANCED SYSTEM of Intake and Exhaust Ventilation.

50% Intake Ventilation - Intake vents located near the lower part of the attic area are required to balance out your ventilation system.

50% Exhaust Ventilation - Use a Lomanco Ventilation Selector guide, the calculators at lomanco.com, or the Lomanco Vent Selector App to determine the number of vents needed to properly ventilate an attic to meet the minimum code ventilation standard.

4. Saw out the vent hole using the drilled starter hole.
5. Carefully remove roofing nails from top row of shingles so the flashing of the roof vent will slide under the shingles. Trim shingles around vent to allow flashing to slide under shingles and align vent hole with hole in roof.
6. Apply roofing cement to the bottom of the vent, around the hole.
7. Carefully slide the base of the vent under the shingles with the embossed arrow pointing up towards the roof's ridge. Make sure the throat of vent is centered over the vent hole. Fasten the base to the roof decking with roofing nails, keeping the nailheads under shingles where possible. Seven nails are required for each vent and should be located as shown below.

TOP VIEW: 700 SERIES VENT



8. Finish mounting by sealing all seams and nails with roofing cement. Also use roofing cement to fasten down loose edges of shingles.

Note: On all 700 Series vents DO NOT CAULK the gap, between the sides and base or the back and base.

ITEMS NEEDED FOR INSTALLATION

- KEYHOLE SAW OR SABER SAW
- UTILITY KNIFE
- DRILL WITH 1/2" BIT
- HAMMER AND ROOFING NAILS
- TAPE MEASURE
- ROOFING CEMENT
- COMPASS OR STRING

22050_0917