



SOLAR BLASTER

Our solar-powered ventilation fans are the ONLY fans that work alongside a home's passive venting system to boost its effectiveness in keeping attics cool and dry.

INTERESTING TIDBITS ABOUT ATTIC VENTILATION

No duh, hot air rises

That's right. A home's passive ventilation system is designed around the simple fact that hot air rises. That's why passive vents are installed as high on a roof as possible. Ridge venting makes the most sense as it lets air escape at the highest point on a roof.

An attic is like an oven

On a nice, sunny 90 degree day, a roof deck is 170 degrees and an attic heats to 140-150 degrees.



Worse enemies of a healthy attic

Heat and moisture are the biggest culprits to an unhealthy attic. Heat leads to roof deterioration and higher cooling costs. Moisture leads to mold, mildew, wood rot and deterioration of insulation r-value.

Air tight homes

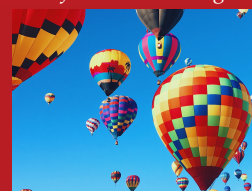
All of a home's heat, moisture and condensation that used to escape through walls and windows are now building up under the roof!

Most neglected space

The attic is one of the most neglected spaces in a home. It's dark, difficult to access, and can easily be ignored as it is out-of-sight. A professional roofer should provide a full-service roof and attic inspection to their customers looking for proper ventilation.

Cool air in, hot air out

That is the entire key to proper attic ventilation. The goal is to maintain uniform air movement across the entire length of attic from eave to ridge.



PROPER ATTIC VENTILATION

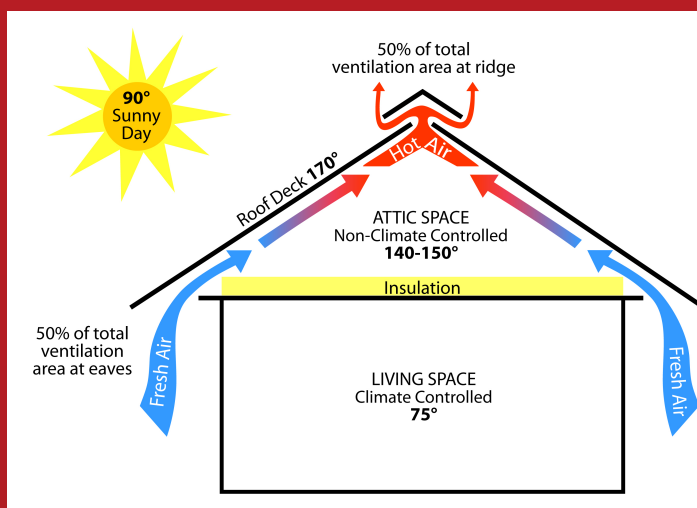
Passive venting is the industry-wide standard for proper attic ventilation. Shingle manufacturers' warranties and building codes require homes to be properly ventilated.

Attic ventilation is perhaps the most misunderstood area of roofing, and if neglected, leads to some very hideous and dangerous consequences. Ventilation is not an option; it is a necessity especially with today's air-tight homes.

A good roof design will include a balanced passive attic ventilation system. What that means is for every inch of air exhausted, there is a balanced amount of air coming in through the eave's intake vents. It also means that there is uniform eave-to-ridge air movement across the entire length of the attic. Air movement is crucial to maintaining a healthy attic.

Boosting the Passive Vent System

Once a balanced passive vent system is achieved, boosting the effectiveness of that venting system is the advantage that Solar Blaster brings to the table. Multiple solar-powered attic fans that fit right inside the passive vents roofing professionals are



Uniform air movement across the entire expanse of roof sheathing from the eave's soffit vents to the ridge is the key to proper attic ventilation.

installing on their homeowner's roofs allow these vents to remove hot and moist air even on non-windy days. We love the irony that we are utilizing the source of the heat problem, the sun, to also be the solution for removing the hot, moist air in attics.

Bigger is NOT Better

That's right. Other solar-powered attic fans on the market are not only 2-4 times more expensive, they circumvent the design and science behind the passive venting system. Remember, uniform eave-to-ridge air movement across the entire attic length is the key to proper attic ventilation. People are installing these large solar vents in addition to their current passive vent system and that

leads to problems. Large fans leave problematic hot spots in the attic. They pull air only from one spot on the roof. And if combined with other vents, they often pull air from neighboring passive vents or gable vents rather than the eave's soffit vents.

Multiple fans spaced evenly across the entire attic length will be much more effective in boosting your passive vent system. Also smaller fans require less power to start operating so the fans will work even on slightly cloudy days. *It's time to activate passive vents so the sun can start removing its own hot air!*

Benefits of Solar Blaster Ventilation

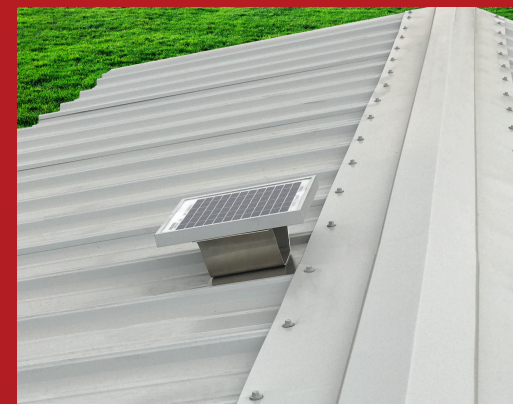
- ✓ Activates passive vents to make them more efficient.
- ✓ Multiple fans promote uniform air movement across entire attic.
- ✓ Expels heat.
- ✓ Expels moisture.
- ✓ Reduces cooling costs.
- ✓ Reduces wood rot.
- ✓ Increases roof life expectancy.
- ✓ Reduces risk of mold and mildew growth.
- ✓ Keeps insulation fresh.
- ✓ Reduces attic air temp difference from outside air.
- ✓ Reduces heating costs.
- ✓ Stops heat transfer into living space.
- ✓ Healthier attic makes for a healthier home.
- ✓ Improves interior air quality.
- ✓ Easy to install.
- ✓ Less expensive than large fans.
- ✓ Uses the source of heat to be the solution at no additional cost.
- ✓ Multiple fans don't leave hot spots.
- ✓ Does not require thermostat control.
- ✓ Works even on non-windy days.
- ✓ Installs from the roof top.
- ✓ Works even on slightly cloudy days.
- ✓ Works all year around.
- ✓ Works when there is enough sun to power at least one fan.



**RIDGE
BLASTER**



**METAL
RIDGE
BLASTER**



INSTALL NOW
**TAX
CREDIT**
OF
30%
★★★★★
to claim on your tax return

30% TAX CREDIT

Our solar-powered attic ventilation solutions qualify for a federal 30% tax credit and additionally may even qualify for city and state credits. Visit www.dsireusa.org for a comprehensive list of all solar-related incentives and Solar Blaster's website for the Statement of Certification Tax Credit form.

SOLAR VENTILATION FOR SHINGLED-ROOF STRUCTURES: Homes, Sheds, Garage

BLACK

GALVANIZED

GRAY

WHITE

BROWN



**ROOF
BLASTER**

3W/25 YR-RATED SOLAR PANEL • 50K HR-RATED/35.2 CFM/80MM FAN



SOLAR VENTILATION FOR SHINGLED-ROOF STRUCTURES: Homes, Sheds, Garage

BLACK

GALVANIZED

GRAY

WHITE

BROWN



**MEGA
ROOF
BLASTER**

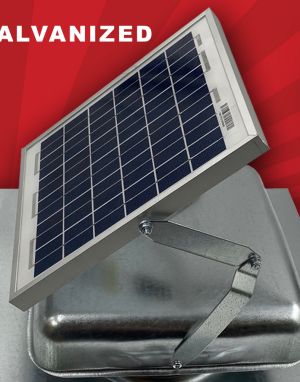
5W/25 YR-RATED SOLAR PANEL • 50K HR-RATED/96 CFM/120MM FAN

SOLAR VENTILATION FOR SHINGLED-ROOF STRUCTURES: Homes, Sheds, Garage

BLACK

GALVANIZED

Adjustable
Solar Panel
to Point at
the Sun!



CUSTOM ORDERS
for the 3 other
colors are available
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**MEGA
ROOF
BLASTER**
ADJUSTABLE

5W/25 YR-RATED SOLAR PANEL • 50K HR-RATED/96 CFM/120MM FAN



SOLAR VENTILATION FOR SHINGLED-ROOF STRUCTURES: Homes, Sheds, Garage

5W

3W

**SLANT
BLASTER**

3W

5W

**MEGA
SLANT
BLASTER**

**MEGA
SLANT
BLASTER**

BLACK

**WEATHERED
BRONZE**

SOLAR TUBULAR SKYLIGHT FOR HOMES & GARAGES WITH SHINGLED-ROOFS

**LOW
PROFILE**



10 INCH

14 INCH



**ENERGY
EFFICIENT
NATURAL
LIGHT**



**LIGHT
BLASTER**

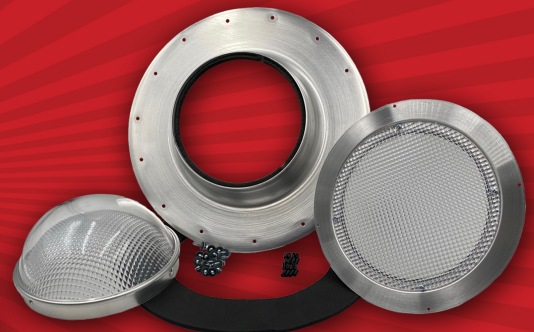
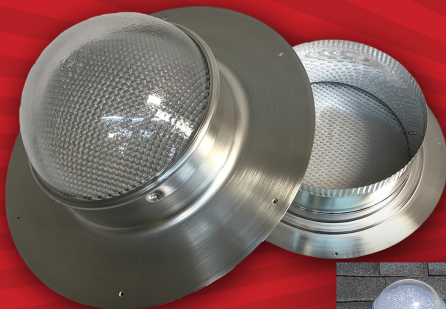
KIT FOR STANDARD ATTIC HEIGHTS OF 40-42" AND ROOF PITCH BETWEEN 3/12 TO 6/12

SOLAR TUBULAR SKYLIGHT FOR SHEDS & GARAGES

SHINGLED SHEDS

METAL ROOF SHEDS

FLAT ROOFS



**LIGHT
BLASTER**