

Attic Ventilation **Features & Benefits**

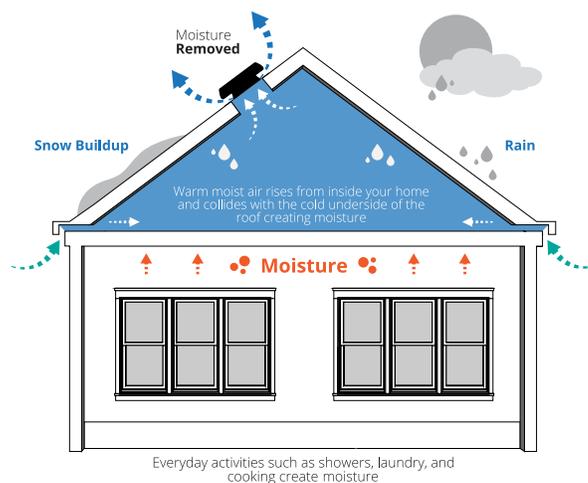
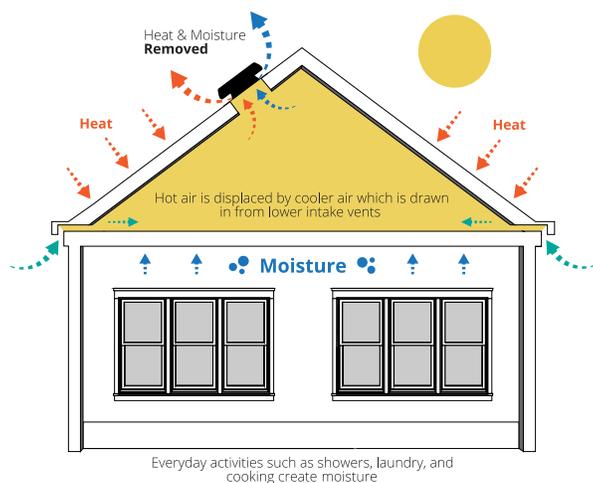
What is **Attic Ventilation**?

Out with the hot air, in with the cool air; Attic Ventilation does this and more. By providing constant steady air flow throughout your attic, stale warm air is vented out giving more room for fresh cool air, also known as “air exchange.” Your attic should never be hotter than 10-25° above the outside temperature during the summer time. A well-ventilated attic will help reduce your energy costs and reduce the temperature in your home in the summer and help to keep your home warmer in the winter because the insulation will be dryer thus improving the R Value.

How does it **work**?

Installing a certified Solaro Aire™ on your roof can be very beneficial for your home. Our energy efficient Solar Powered Attic Fan operates during the day, completely powered by the sun, extracting the warm air from your attic. During the hot summer months, your attic can reach temperatures of 160°F and above. The Solaro Aire™ Attic Ventilation Fan works by expelling this hot air and returning your attic’s space closer to the outside ambient temperature. The Solaro Aire™ operates completely off solar energy, pulling the outside air in through existing static and soffit vents. By pulling from this external air source, the attic fan will extract the hot, humid air up through the fan and create a constant exchange of air in your attic.

In the colder winter months, warm moist air rises from inside your home and collides with the cold underside of the roof. The Solaro Aire™ provides circulation that prevents the moist air from condensing on the surface, keeping your attic cooler and drier. By installing a Solaro Aire™ you will not only be creating a more pleasant living space but you will be protecting your roof, framing and attic from excessive heat and moisture.



What will I **need**?

There are a number of variables to consider when selecting proper ventilation for your attic. All of Solaro’s Dealers are trained with the knowledge and tools to determine the right amount of ventilation for your attic space. Having proper air intake from soffit vents is vital to the air exchange process. Our technicians check for signs of moisture, such as mold, mildew, rusted nails, damp or compressed insulation or wood rot, all signs of improper ventilation. They will evaluate the square footage of your attic space, a key factor in adequate attic ventilation. For more information, please call us toll free at 1-888-355-5SUN.

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What are the benefits of **Attic Ventilation?**

A properly ventilated attic will help reduce your energy cost several ways. Improved air circulation in the summer months will help remove hot air and reduce the temperature of your attic. This will keep the hot attic air from seeping through into your living space. It will also help reduce the surface temperature of your attic floor and your interior ceilings. The reduced temperature in your attic will also assist your air conditioner by keeping the ductwork and the air inside cooler. The resulting effect will be less strain on your air conditioning unit.

When your attic heats up, the roofing underlayment beneath your roof shingles can also heat up and overtime become more brittle and ineffective. By lowering your attic temperature with the Solaro Aire™ attic fan you can extend the life of your roof and save the expense of repairs and replacement.

If you live in an area that has snow, the warmer attic air will heat the roof and melt snow. This will leak water in to the eaves where it can refreeze as ice. This ice will cause water to work back up under the shingles into the attic and down to the ceiling causing water damage to you attic. Installing a Solaro Aire™ Attic fan can prevent this from happening.

Did you know that in one winter your attic can absorb as much as 28 gallons of moisture! It occurs from everyday living such as taking a shower, doing laundry, and cooking!



TAX CREDITS

The Solaro Aire™ is eligible to receive a 30% Federal Tax Credit on both the cost of the product and installation.



FREE TO OPERATE

The Solaro Aire™ doesn't cost one penny to operate! It's completely powered by the sun! Maintenance-free.



YEAR-ROUND PROTECTION

Removes heat during the hot summer months and removes moisture, that can cause mold and mildew, in the winter.



WARRANTY

The Limited Lifetime Warranty is the strongest in the industry.



QUALITY PARTS

Built to last a lifetime – Weather resistant powder coated housing provides a durable finish.



MADE IN THE USA

Every Solaro Aire™ is designed and assembled in America by Americans.



*No need to worry about rust or corrosion issues in diverse weather, a special Corrosion Resistant Aluminum Alloy is used for all structural components within the Solaro Aire™. The attic fan housing is fireproof with **NO plastic parts**, unlike the competition, which can deteriorate quickly in heat.*

How much will I save with the **Solaro Aire™**?

The savings will depend on the efficiency and age of the heating and cooling system, location in the world, roofing material and roof style, existing insulation, existing windows and orientation to the sun.

In general, a proper installation of Solaro Aire™ Attic ventilation fans can save between 15 to 50% on a homeowners energy bills. This is accomplished by keeping attic insulation dry in the winter time so that the insulation can do the job that it was intended to do and in the summer time keeping excessive heat out of the attic which keeps the heat out of the house.