

Solar Attic Fan 9910TRP - ventilates up to 1350 square feet of attic space



Professional grade Solar Attic Fan uses no electricity

The Solar Attic Fan 1010TR is designed to reduce heat build-up in your attic in the summer and remove harmful moisture in the winter. It's commercial grade, heavy duty construction provides up to 25% more power than other fans, providing better circulation and improved airflow in your attic space. One fan can ventilate up to 1350 square feet and can lower the attic temperature so your air conditioning won't have to run as long and as hard to cool your home. By running year-round, it can keep your attic space drier by removing moisture in the winter, reducing condensation and preventing the growth of harmful mold and mildew.

Cools in the summer



During the peak summer months, your attic's temperature can rise to 160° or more. This heat build-up can then raise the temperature inside your home and increase the amount of electricity used by air conditioners and other cooling equipment.

Installing a Solar Powered Attic Fan will help remove the heat build-up in your attic and bring your attic's temperature down closer to the ambient outside temperature.

The reduction in attic temperature will also benefit the homeowner by preserving and extending the life of the roofing and attic construction materials. Additionally, hot air in your attic can then heat the metal exterior of your HVAC ductwork and consequently heat the air passing through it, causing your air conditioner to work even harder.

Prevents mold and mildew in the winter



In the winter, warm moist air rises from the inside of your home and collides with the cold underside of the roof. The Solar Powered Attic Fan provides the air circulation that prevents the moist air from condensing on the surface. Keeping your attic drier and helping to prevent mold and mildew inside your attic and ice damming on your roof.



Intelligently simple attic ventilation

With the addition of the optional Solar Controller with Dual Mode Technology your Solar Powered Attic Fan will now have the ability to run after sunset, or when there is inadequate light available from the sun.

When there is no sunlight available to power the fan and the Solar Controller has the optional house power connection enabled, the Solar Controller will cycle house electricity for 8 minutes every half-hour in order to power the fan. This will allow your attic temperature to continue to drop after sunset and help remove the hot, stagnant air that can buildup on those warm summer evenings.

The Solar Controller also includes temperature and humidity sensors which enable the fan to intelligently run at the most optimal times to reduce attic temperature and moisture. It also helps prolong the life of your fan by shutting off the motor when conditions are stable and attic ventilation is not necessary.

Product Features

Heavy duty construction, 20 gauge steel housing and flashing Stands up to high winds, hail, rain and snow

High efficiency 3 blade fan and motor design for increased airflow and reduced fan noise

Year-round benefits: Cools in the summer- Removes harmful moisture in the winter

High impact ABS fan shroud Will not dent, bend, rust, or fade Best in class, extended life solar panel

Ventilates up to 1350 sq/ft

Qualifies for IRS Tax Credit - other rebates may be available in your area.

Commercial Grade 10 Watt Solar Panel

Materials of Construction

Shroud Cover	Vacuformed Qi-Mei 747S ABS with Ultraviolet Light inhibitors, 0.5mm thickness Resists fading, denting, rusting, and cracking
Flashing/Housing	20 gauge steel
Rodent Screen	1/4" stainless steel mesh screen secured with galvanized self-taping screws
Fan Blade	14" 3-wing ultra quiet aluminum blades with pitch angle matched to dc motor/solar panel
Finish	Metal components are steel finished with zinc alloy G-90 thickness, hot dipped. Painted metal components are powder coated : pure polyester coating 3 - 5 mils thickness
Solar Panel	10 Watt panel with high transmission tempered glass encapsulating 35 mono-crystalline solar cells. Manufactured to ISO 9001 standards
Motor	38 volt DC motor with external brushes
Wiring	16 gauge black and red copper wire
Unit dimensions	24" x 24" x 10.5", 23.65 lbs