

## Solar Attic Fan 9915TR - ventilates up to 1900 square feet of attic space



### Professional grade Solar Attic Fan



New patent pending enhanced design will ventilate up to 1900 square feet of attic space with a single fan. The new, patent pending, Smooth-air Deflector in the shroud of the fan produces a smoother air flow and increases exhaust performance by up to 30% from previous models. This next generation solar powered attic fan is our most powerful and efficient model yet.

### Cool your home 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.



#### **Remove damaging moisture**

During the winter months, warm moist air from inside your home rises into the attic and collides with the colder underside of the roof. The moist air condenses and promotes mold and mildew.



If you live in an area that has snow, the warmer attic air will heat the roof and melt the snow which drips to the eaves where it can refreeze as ice and form ice-dams above the eaves. These ice-dams will cause water to work back up under the shingles into the attic and down to the ceiling.

Installing a Solar Powered Attic Fan will allow for better air flow and moisture control inside your attic and prevent the condensation which can lead to mold and mildew problems.

## Product Features

Durable 20 gauge Steel housing and flashing stands up to high winds, hail, rain and snow

Heavy duty ABS fan shroud will not dent, bend, rust, or fade

Ventilates up to 1 900 sq/ft

Commercial grade, hail resistant 15 Watt solar panel with unique tilt-swivel design

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

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

## Materials of Construction

<b>Shroud Cover</b>	Vacuformed Qi-Mei 747S ABS with Ultraviolet Light inhibitors, 0.5mm thickness Resists fading, denting, rusting, and cracking
<b>Flashing/Housing</b>	20 gauge steel
<b>Rodent Screen</b>	1/4" stainless steel mesh screen secured with galvanized self-taping screws
<b>Fan Blade</b>	14" 3-wing ultra quiet aluminum blades with pitch angle matched to dc motor/solar panel
<b>Finish</b>	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
<b>Solar Panel</b>	15 Watt panel with high transmission tempered glass encapsulating 35 mono-crystalline solar cells. Manufactured to ISO 9001 standards
<b>Motor</b>	38 volt DC motor with external brushes
<b>Wiring</b>	16 gauge black and red copper wire
<b>Unit dimensions</b>	24" x 24" x 10.5", 23.65 lbs