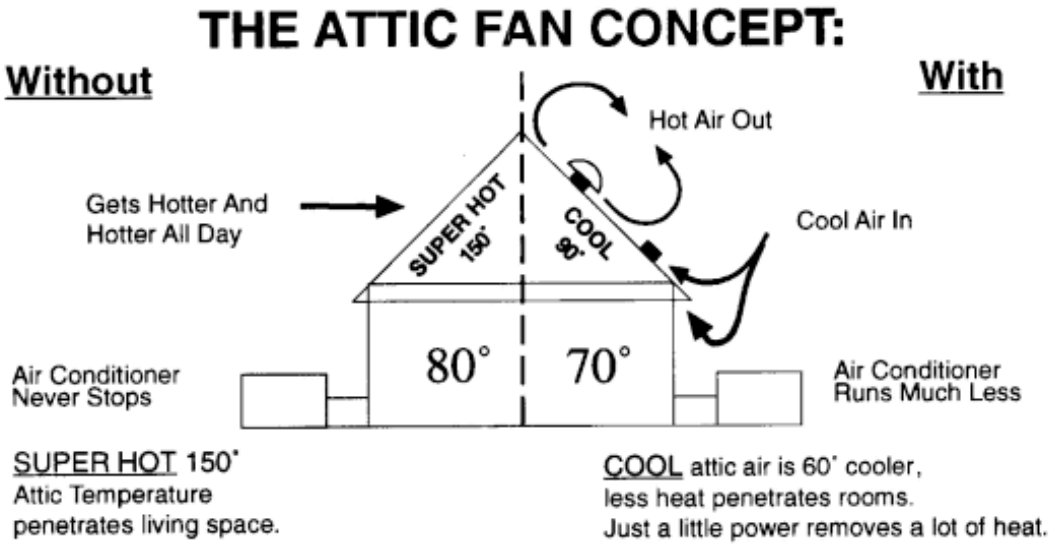
ATTIC FANS - SOLAR When the temperature climbs above 82ºF and you decide to use air conditioning, you can shut the windows and crank up the air knowing that the attic fan will save up to 30% on cooling costs by getting rid of trapped super hot air that tends to collect in attics and cause heat to back up into the home. (see picture below)



Attic temperatures can get up to 150ºF without an attic fan. Attic fans create a positive air-flow through your attic that does not rely on wind or require excessive passive venting. Excessive passive venting can cause excessive moisture infiltration in the form of snow or rain. The attic fan is normally mounted up on the roof of the home toward the back about two feet down from the peak. It goes on and off automatically with a thermostat, so it only runs when it is beneficial.

The attic fan has a flashing that fits in with the shingles and is water-proof. Attic fans use less than 300 Watts, and offer these important advantages:

1. Lowers upstairs room temperatures by 10º.
2. Lengthens roof life by keeping shingles cooler.
3. Saves up to 30% on air-conditioning costs.

The exact savings obtained depends on several factors like: the color of your roof, if the home is shaded, the amount of insulation you have, and the efficiency of your cooling system. Ideally, an attic fan installation will pay for itself within 3 years. A high quality attic fan is recommended.