

Testimonials

SunMate™ Solar Panel

Daron St. Jean, MA - "SunMate solar panels are a great way to save on your heating bill. I've had 2 panels on my house for 12 years now. On real cool mornings, my panel fans kick on around 7:30am and they remain on until roughly 4:00pm, heating the first floor of my house throughout the day, maintaining between 70° - 75°, even when the temperature is in the single digits. After they shut off it still maintains warmth for several hours into the evening."

Cecile Lescarbeau, MA - "I am 84 years old and raised 8 children. I installed solar panels to heat my domestic hot water 24 years ago. The solar system is still working like a charm. Matter of fact it works so well that I decided to install two SunMate solar panels for heat as well. I am very happy with my solar system and all the money it has saved me through the years. I also have a love for farming and I love the idea that I am doing my part in saving the environment for my 15 grand children. "

John Broski, Master Mechanic - "I was referred to Environmental Solar Systems by my electrician who has two SunMate solar panels installed on his house 15 years ago. Environmental Solar Systems installed three solar panels to heat my shop. I am a master mechanic and all my work is done in a professional and quality manner. I am very happy with my solar system and the quality and workmanship in the way it was installed."

Ruth I.J.Boldan, Motley, MN - "My passive SunMate solar heat panel is entirely satisfactory. When it was installed on the south-side of my home in November 07, the solar heat turned on at 10:00am and turned off at 3:00pm producing 5 hours of 80 degree heat entering my home during the 22 days of sunshine that month. Most days the solar panel was the only heating unit used. It is now March 10. The hours of heat have increased, turning on at 9:00am. and off at 5:00pm. The 6 inch diameter heat column entering the port hole is always 80 degrees. So far this year 2007, I have purchased 95 gallons of propane for \$190. Compare that to over \$1200 spent for propane last year.

Passive solar panels are easy to install, perform quietly and efficiently and pay for themselves in propane savings in a short-time. When you consider the fact that the sun is free for our use, solar heat is free from pollutants, the panel operates efficiently and when you compare the cost of solar heat compared to propane heat — it seems obvious to me that solar heat is the future for humanity."

Jason, MA - "The SunMate Solar heating panels are working well. They are an excellent investment. Last Friday, it was in the 20's and they kept our house at 70 degrees all day! The air from the vents can reach 118 degrees on a good sunny day. My only regret is not buying them sooner!"

Bernard Waxman, MO - "I thought you might like to get my feed back on your SunMate panels. We finally installed two of them about the middle of November 2008. They have been providing heat for an area of something over 900 square feet. With full sun and temperatures as low as the mid to upper 20s F, our furnace would not come on until late in the afternoon once the furnace had brought the area up to temperature, about 66 F, in the morning. I do think that the claim of up to 750 square feet per panel is quite an exaggeration depending on the outside temperature and how well the area is insulated. By the way we have R-50 in the ceiling and R-27 in the walls. I was surprised at how well the panels work even on days that are partly cloudy. As long as there is enough sun to get some shadows the panels will still produce heat.

With hindsight, I probably would have installed three panels in order to do a better job of heating during partly cloudy days and to bring the temperature up a bit more on days with full sun. Then there would be enough extra heat to keep our furnace from coming on until later in the day.

Anyway, thanks for making the panels and I hope you are selling lots of them. By the way, you might be interested in seeing my webpage describing our experience with the panels." http://photosbybmw.com/Tutorial_pages/solar_heat.html"

Kathleen L. Normile Wataga, Illinois - "I purchased the SunMate Solar Air Heater from the Alternative Energy Store, and couldn't be more pleased."

I had a contractor install the system so that I could be sure that it was properly mounted and caulked. It took him no time at all, and started supplying heat within an hour of installation. I'm very pleased at how sleek it looks from the outside, and how discreet the air intake and hot air output ports appear inside. I was concerned that the fan noise would be an annoyance, as my house is very quiet, but it's not bothersome at all. The motor uses only a very small amount of electricity. I opted for the SunMate because the blower circulates more warm air than some of the other solar hot air panels would. With the orientation of my house, good insulation, and good window control - curtains are closed unless there is sun shining on them - the SunMate provides all the heat I need on sunny days from about 9:30 in the morning until 3:30 in the afternoon, even with below zero temperatures. On partly cloudy days, it provides good supplemental heat. When the weather warms somewhat, I will probably order another for installation on the second floor, too.

Special thanks to Paul Soucy, the maker of the SunMate systems, for being so responsive to any questions I had regarding best installation and operating practices."

Dudley Greeley - "My hat is off to you for your wonderful efforts to help us all figure out how to fit perhaps 8-9 billion people on this amazing planet without breaking the "ecosystems services bank." As sustainability coordinator at the University of Southern Maine, I fairly regularly speak to groups on energy matters and, while I encourage folks to do the sufficiency, conservation, and energy efficiency stuff first, promote use of clean energy sources, including your solar air heater.

I am pleased that I have been able to feature your company's product on the National Solar Tour the past two years."

Maureen - "Just wanted to let you know, I love my solar heat panels ! Here we are into the early days of September, and the Berkshire Mountains have already given us 35 degree mornings. My neighbors were crying last week that they turned on their furnaces. I plugged in my solar panels and the furnace remains off. The panels turn themselves on around 7:45am this time of year, and run for a good part of the day, taking the chill out of the air. Last winter I measured 140 degree temperatures coming out of the panels into the house. It is a GREAT heat assist and I am confident I burned a lot less oil. My neighbors are equally impressed and are considering making the investment.

Goodluck with the business. And thanks for a great product."

Daphne - "I don't understand why everyone hasn't put your panels on their houses and businesses. I love my solar panels. Last winter, on sunny days, we had heat during the daylight hours during the coldest part of the winter. In the fall and spring we had heat until eight or nine at night and used no other heat. Our South wall only had room for three panels. If we had two more, we would use much less oil. This summer, whenever I would think of winter, I would think of our attractive panels that are helping save the planet by not using petroleum products as much. Old man winter doesn't worry me any more."

Michael Koons -"Just a short note regarding my Sunmate Solar Collectors. When installed at the end of February they immediately heated up the inside glass(a good sign) on a clear day without even the fan running. The following week I did get everything installed and the 2 collectors in series with my fan produced approximately 12,390 BTU/hr at a 64 degree differential temperature! It was truly amazing! I had an inlet temperature of 40 degrees and an outlet temperature of 104 degrees. I expect to get almost 15,000 BTU/hr at winter solstice and they have truly exceeded my highest expectations. Thank you so much for your help!"

John Hatch, MA -" My solar heating system works great, I have easily halved my fuel bills with a clean, quiet, reliably system. I was surprised at how the system kept the house warm all day long even on the coldest days."

Ruth I.J.Bolda, Motley, MN - Greetings, Paul, "My passive solar heat panel is entirely satisfactory. When it was installed on the south side of my home in November, the solar heat turned on at 10:00 A.M. and turned off at 3:00 P.M. producing 5 hours of 80 degree heat entering my home during the 22 days of sunshine that month. Most days the solar panel was the only heating unit used. It is now March 10. The hours of heat have increased, turning on at 9:00 A.M. and off at 5:00 P.M. The 6 inch diameter heat column entering the port hole is always 80 degrees.

Evenings we fired up the wood fireplace, and at night relied on the propane furnace. So far this year I have purchased 95 gallons of propane for \$190. Compare that to over \$1200 spent for propane last year.

Next fall I will be contacting you for 2 more SunMate solar panel- one for the east side of the house and one on the west. These will bring me 3-5 more hours of solar heat depending on the hours of daylight. As I am 84 years of age, firing the wood fireplace will predictably become more difficult and I will depend more on passive solar heat.

Passive solar panels are easy to install, perform quietly and efficiently and pay for themselves in propane savings in a short time. When you consider the fact that the sun is free for our use, solar heat is free from pollutants, the panel operates efficiently and when you compare the cost of solar heat compared to propane heat --it seems obvious to me that solar heat is the future for humanity.

Thanks for your courtesy and helpfulness during my trial of passive solar heat. Please save me a place in your busy schedule next fall for 2 more units."

Peter Stevens, Methuen Mass

Paul, "The panel is working fine. it turns on about 8:30 to 9:00 each sunny morning. This morning at 4 degrees and blowing well it came on at 9:00 and ran all day. Though barely audible it sounds good to have free energy being pumped into the house. The installation looks great. Sorry it took so long to get back to you I had to see if the panel worked during the coldest part of the winter. I highly recommend the "Sunmate" solar panel."

OTHE ENVIRONMENTAL SOLAR PRODUCTS

Jack & Lenise Dutson, Dutson's Organic Farms, LLC, Hartville, MO -

"First let me put in writing how much we appreciate the solar dryers. They work magnificently. We have made jerky in 4 hours. The internal temperature reached 200F or a little over, in two occasions, and 165F was easy to obtain and keep. It is so simple to operate. With easy of loading and unloading; performing the tasks even better than we were told at the off set. It meets Missouri Department of Agriculture and USDA standards, and it is in compliance with the Health Department as well. Easy cleaning and sanitizing.

We recommend to anyone who wishes an effective, inexpensive solar dryer, and it couldn't possibly be cheaper to operate."