



Eliminate your heating costs with the improvement that pays for itself over time

Solar Roof Air Heating System

- Reduce or eliminate the need for a conventional heating system
- Reduce dependency on fossil fuels and meet green initiatives
- Reduce carbon emissions
- Qualify for federal, state and local tax credits

The Solar Roof Air Heating System uses solar technologies that are integrated with conventional roofing materials, making it impossible to detect, and resulting in an aesthetically pleasing appearance.

PRODUCT ATTRIBUTES:

- Adapts to any existing roofing system
- On-site fabrication, ensuring proper fit and little waste
- Virtually no disruption to daily business operations
- 25-year warranty with an average longevity of 40 years
- System uses completely recyclable materials

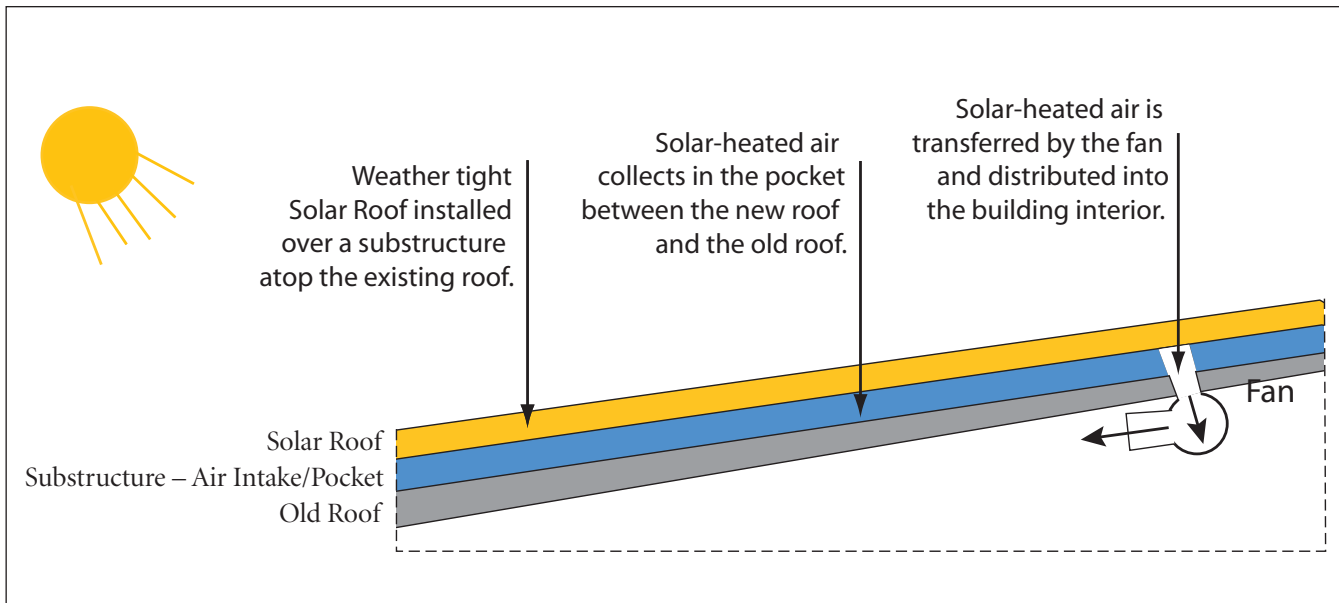
NAICS: 236210, 238160, 237130

GSA Schedule Submitted

Woman-Owned / Small Business – (8(a) pending)

Merit Solar, a division of Merit Builders, Inc., is a nationally recognized, independent erector that has served the metal building industry since 1987. In that time, Merit Builders has erected hundreds of structures and roof replacements for clients in a variety of markets, including government, aviation, academia, retail, warehousing, distribution, agriculture, and others throughout the Atlantic seaboard and the Midwest, as well as internationally. Merit Solar is dedicated to reducing dependency on fossil fuels through the innovative use of solar capture systems integrated into new or existing construction. Merit Solar is lauded for its superior professionalism, customer service and on-site safety.





How the Solar Roof Air Heating System Functions

- Solar roof panels are created from standing-seam roofing and are installed on the substructure above an existing roof.
- The solar roof is heated by the sun and heats the air in the airspace between the old roof and the solar roof.
- The solar-heated air temperature is generally 40-50 degrees above ambient air temperature.
- Solar-heated air is drawn from the solar roof and transferred directly into the building for a variety of applications.
- The delivery temperature can be adjusted to meet the needs of the heating application.
- The added insulation value of the solar roof collector reduces adverse heat flow through the roof in winter.
- Radiant barrier insulation can be installed above the existing roof to cut summer heat flow to the building.

9339 Appolds Road
 Rocky Ridge, MD 21778
 Phone – 301-271-4649
 Fax – 301-271-9042
www.meritsolar.com

