

The SolarWall® system delivers the fastest solar payback on the planet by heating the ventilation air required in commercial and industrial buildings.

The solar air heating system is building integrated, and has been used globally for the past 20 years.

Past customers include; FedEx, Ford, Wal-Mart, 3M, Bombardier, U.S. Military and NASA.

SolarWall systems displace a significant amount of CO₂ and are eligible for various financial incentives.

The SolarWall technology generates significant energy savings, and has been described as "backing up to a free gas pump."

Applications

- Manufacturing Buildings
- Industrial Buildings
- Office Buildings
- Multi-Residential
- Process Drying
- Municipal Facilities
- Hospitals & Schools
- Warehouses
- Agriculture
- Military

Features & Advantages

- Significantly lowers heating bills
- Lowest cost solar technology
- Fast payback
- Heats fresh air & improves indoor air quality
- Heats air 30-70°F (16-38°C) above ambient on a sunny day
- Maintenance free & 30+ year typical lifespan
- Destratification savings for industrial buildings
- Collector efficiency up to 80%
- Huge reduction in CO₂ emissions
- Building integrated - variety of colours
- Up to 6 LEED Points

Other Options

- Roof-mounted with SolarDuct™
- PV/Thermal with SolarDuct™ PV/T



Reduce Your Heating Load

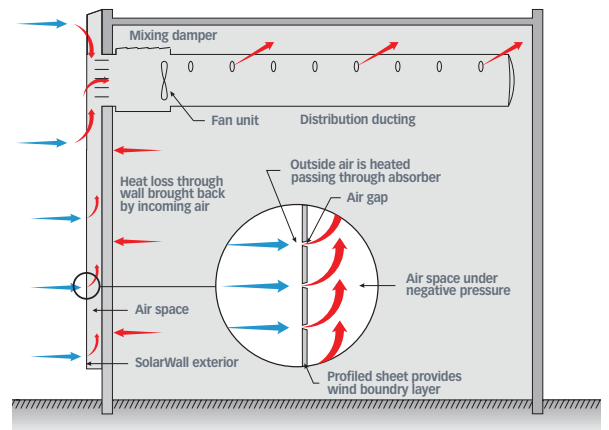
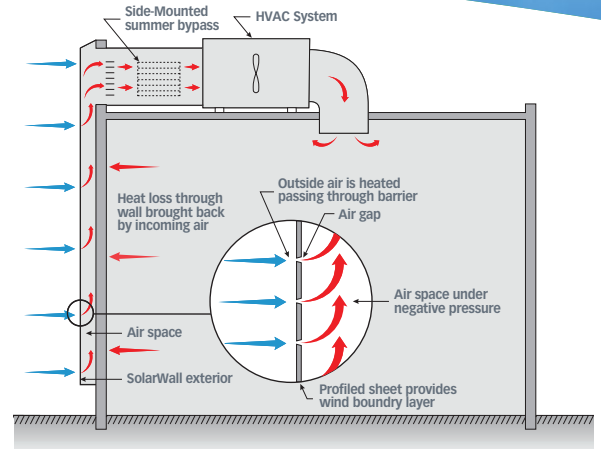
Heating can typically be one of the largest energy expenditures in the building industry. The ability of a SolarWall® system to address this energy usage and to displace a sizable amount of it - and the resulting greenhouse gas emissions - explains why the technology has such a compelling return on investment.

SolarWall systems produce up to 600 watts/m² (60 watts/ft²) of thermal energy. When the sun warms the surface of the collector, the heated air is drawn through thousands of tiny perforations on the surface and ducted to the existing air intake. The solar heated air is then distributed throughout the building via the conventional ventilation system or dedicated fans and ducting.

Independent monitoring data indicates that SolarWall systems can displace between 20-50% of heating fuel consumption, depending on size and application.

Easily Integrated

The SolarWall technology is building integrated and has few moving parts. It has a 30+ year lifespan and requires no maintenance. Systems are available in a variety of colors and profiles to meet your building design requirements.



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