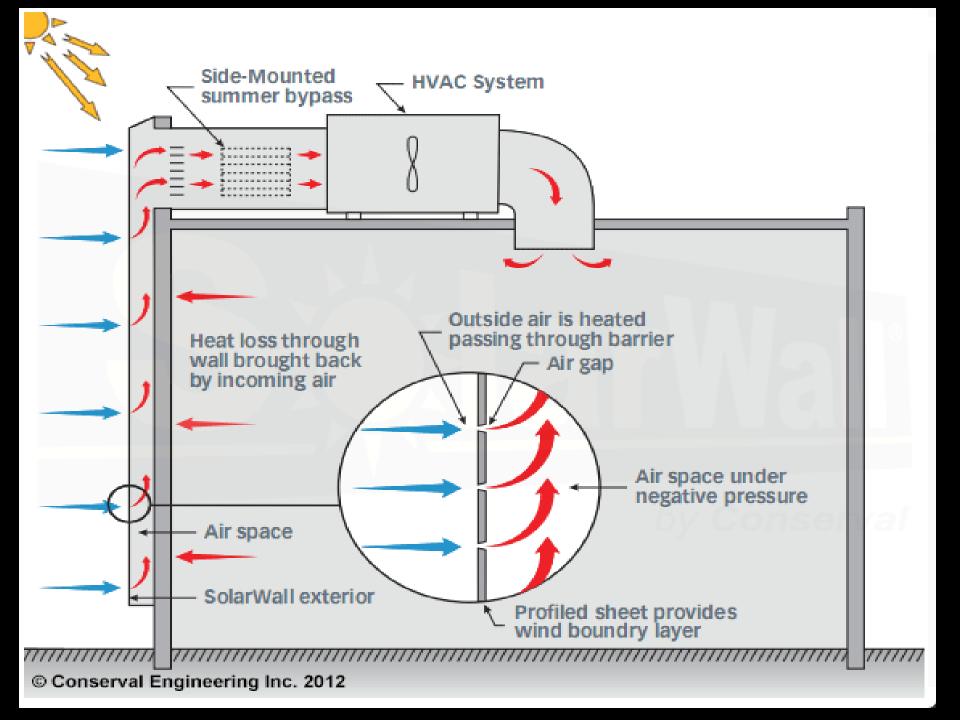


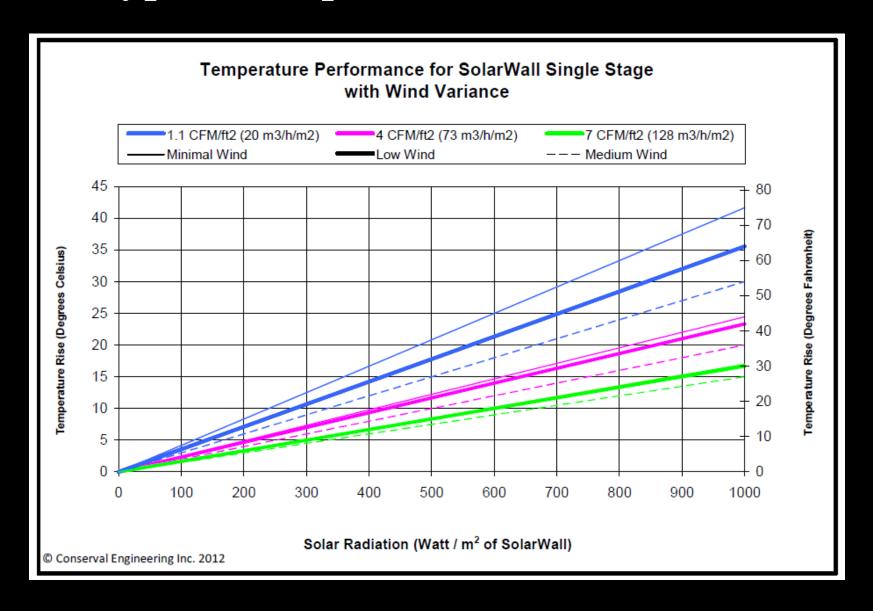
Transpired Solar Air Heating Systems

- Heats fresh air 30-70°F on sunny days
- Improves indoor air quality by filtering out particulates
- Low Maintenance with typical lifespan of 30+ years
- De-stratify industrial space for additional energy savings
- Can also be used for process drying
- Building integrated with a variety of colors available
- Eligible for more than 9 LEED points

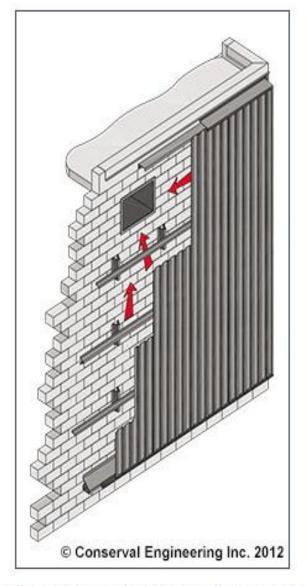


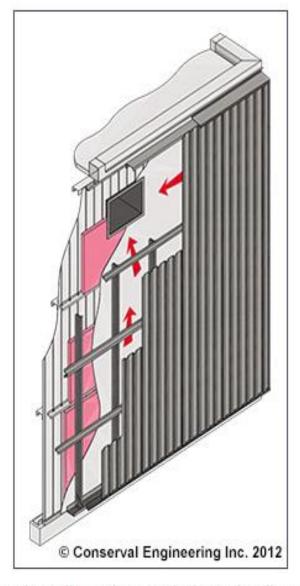
Greater Toronto Airport Authority, ON - Canada - LEED Silver Certified

Typical temperature rise is 20-40°F



Typical SolarWall Construction

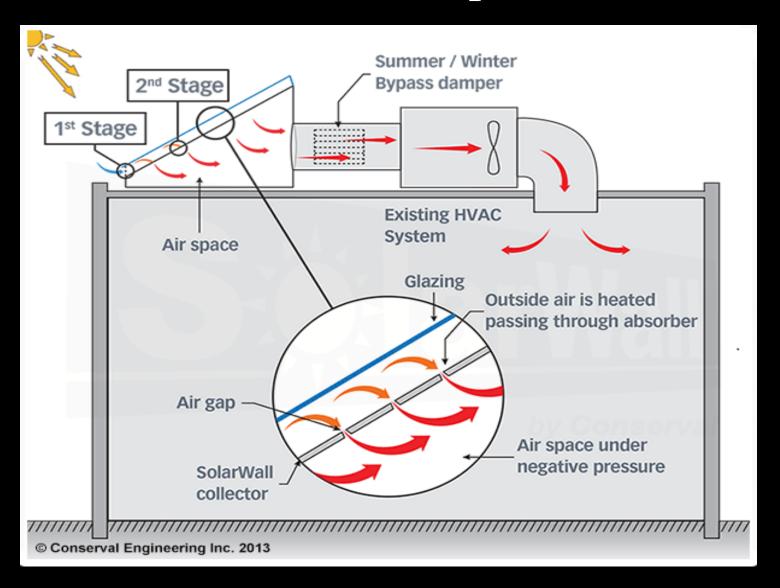


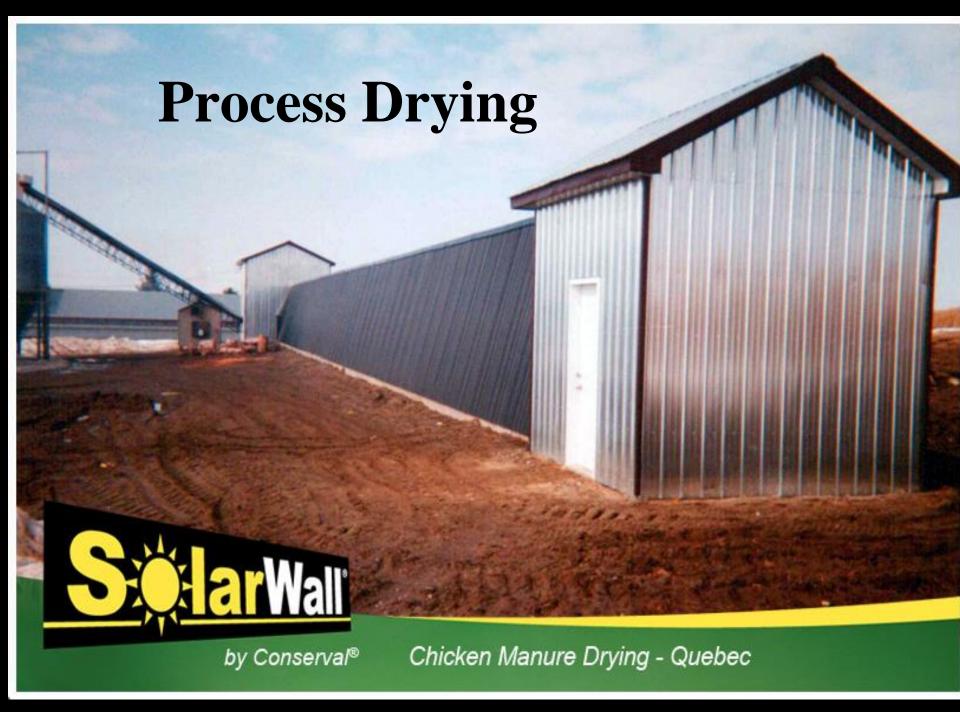


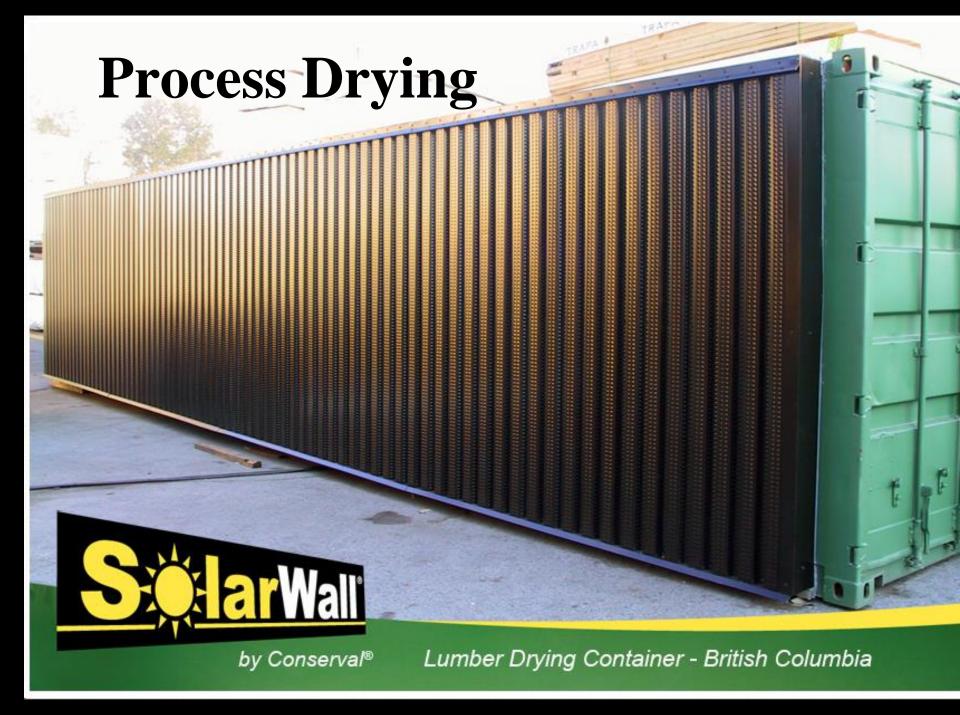
1-SolarWall panels on typical block wall construction 2-SolarWall panels on typical metal wall construction



SolarDuct for rooftop installation





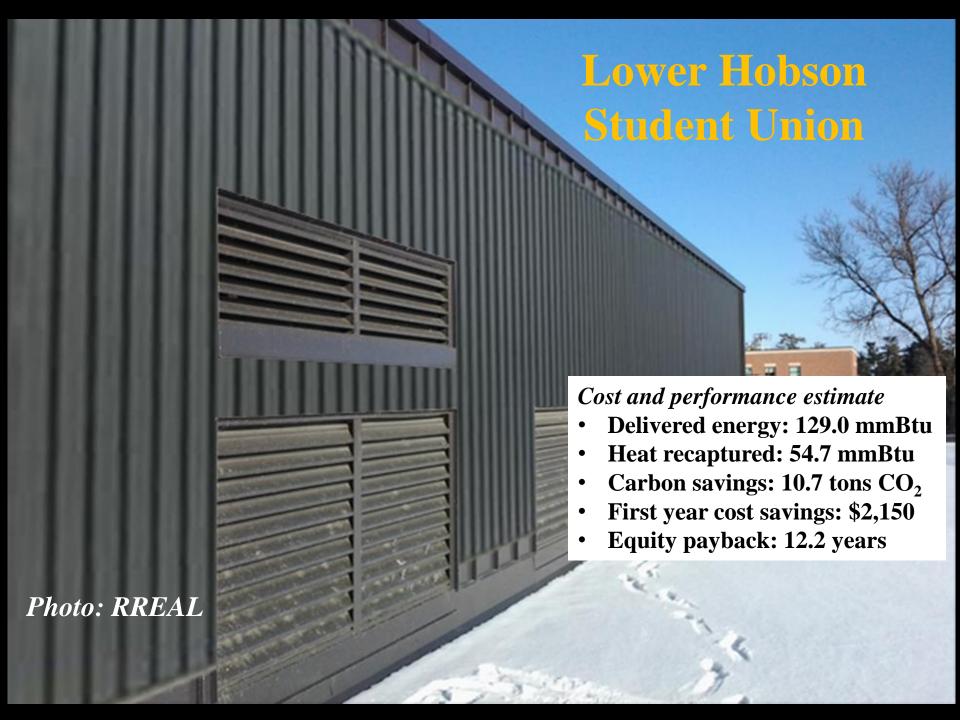


SolarWall PV/T

Hybrid solar air heat + solar electric system



- 75-80% of solar energy that reaches a PV module is converted to heat and is normally lost to ambient air
- SolarWall installed under PV modules recovers up to half of that heat
- PV modules are cooled, improving electric output up to 10%





Cost per Unit of Energy Analysis



Brainerd Regional Airport

- \$25,000 Solar Air Heating System
- 14,649 kWhth annual production
- Service life: 40 years



White Earth Nation Fire Hall and Rescue

- \$44,000 Grid-tied PV system
- 14,000 kWh annual production
- Service life: 40 years

