

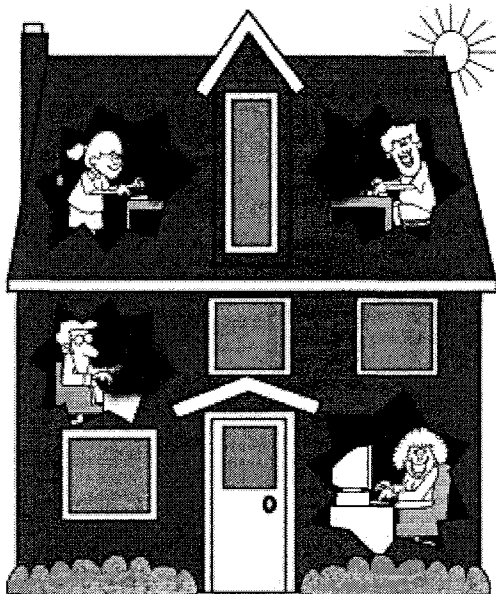
Atlasta Solar Center



Active Hot Air Panels

Frequently Asked
Questions Answered
About:

- How solar hot air panels work
- How to size a supplemental heating system
- Knowledge and tools needed to install your own hot air panels
- Cost of active hot air panels & installation



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Atlasta Solar Center

ACTIVE HOT AIR PANELS



How Active Hot Air Panels Work

Active hot air panels are the most economical way to add supplemental heat to a home or business that has power. Active hot air panels work by heating up a south facing, specially designed, black surface by the sun. The glass of the active hot air panel is made of low iron, etched glass, which concentrates the heat. The heated air inside the panel is then directed into the home or business via a low energy, in line blower. The active hot air circulates through the home or business . The home or business owner can adjust heat flow inside the building. Active hot air panels are a simple, low cost heating supplement that will last for along, long time(40– 50 years).

An
Alternative
to non-
renewable
heating
sources

**CLEAN ENERGY FROM THE SUN
TO HEAT YOUR HOME OR OFFICE**

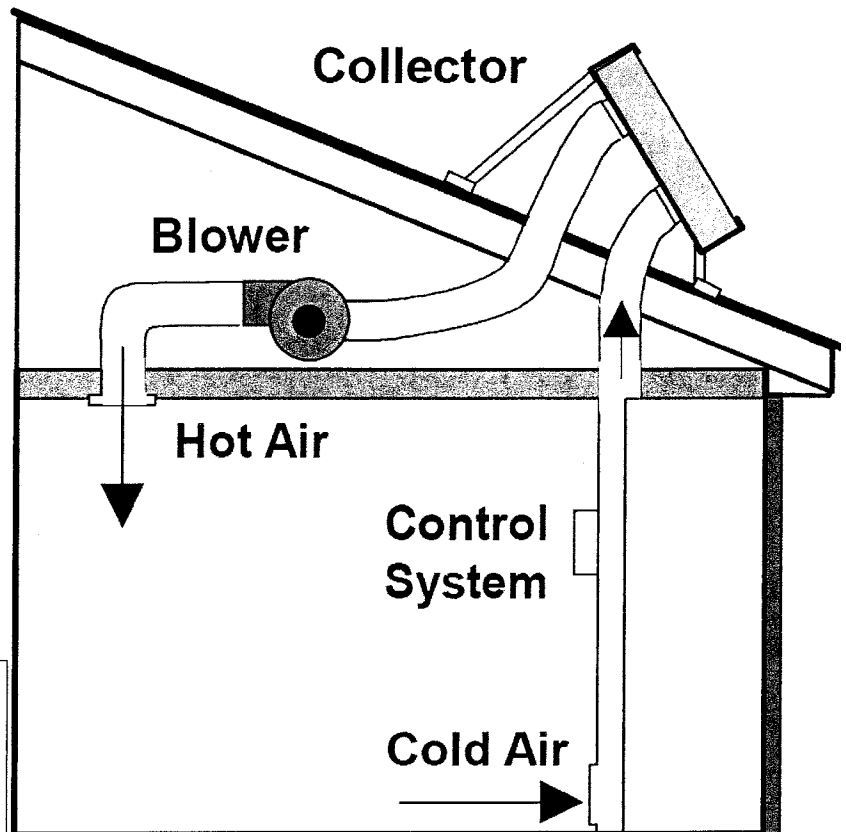
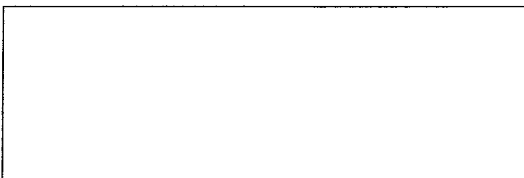


SUN AIRE
Hot Air Collectors

FEATURES

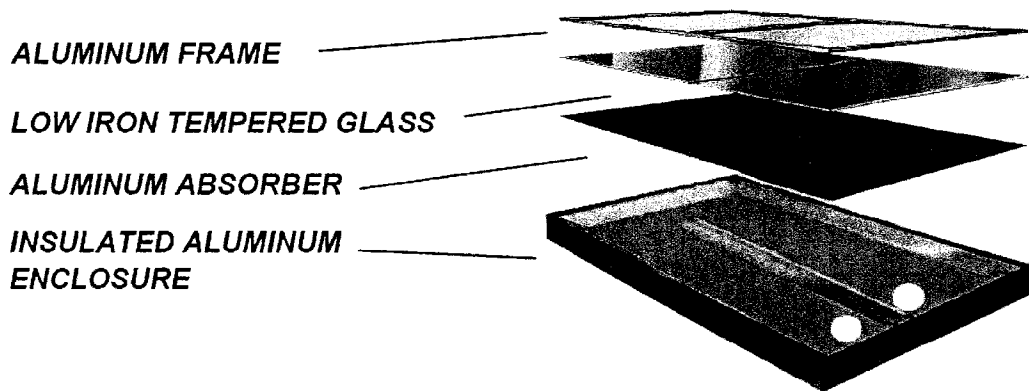
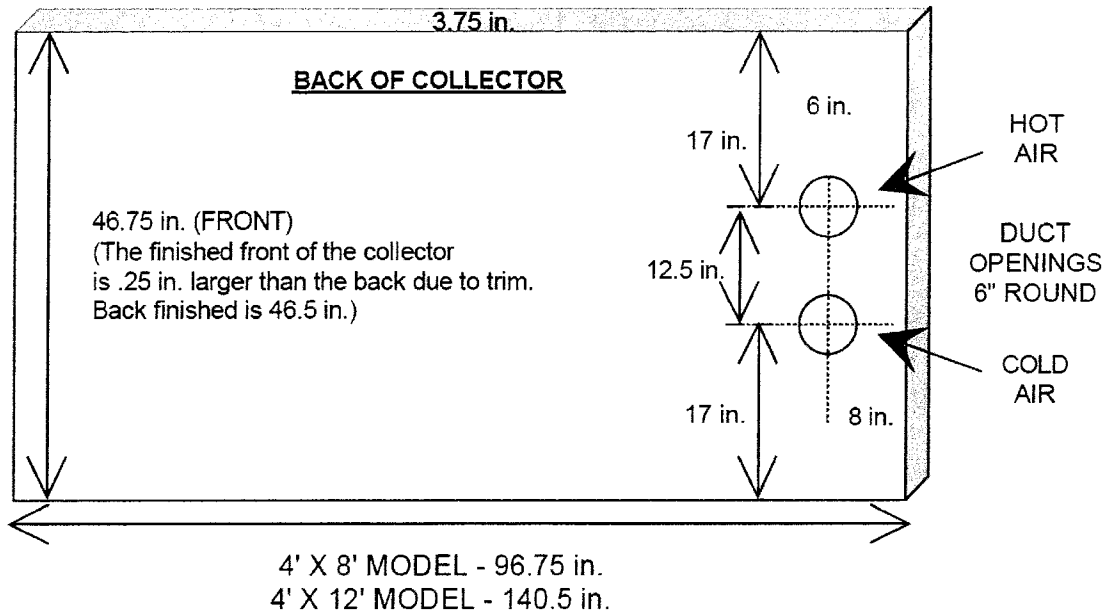
- Simple and Efficient*
- No Freezing*
- No Chemicals*
- Low Maintenance*
- One Moving Part*
- Over 25,000 installed*
- Easy Installation*
- Five Year Warranty*
- 4' x 8' and 4' x 12'*

DISTRIBUTED BY

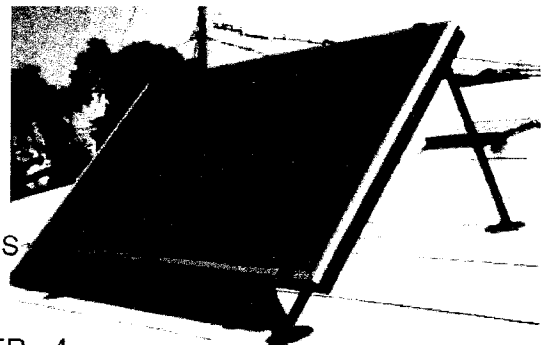


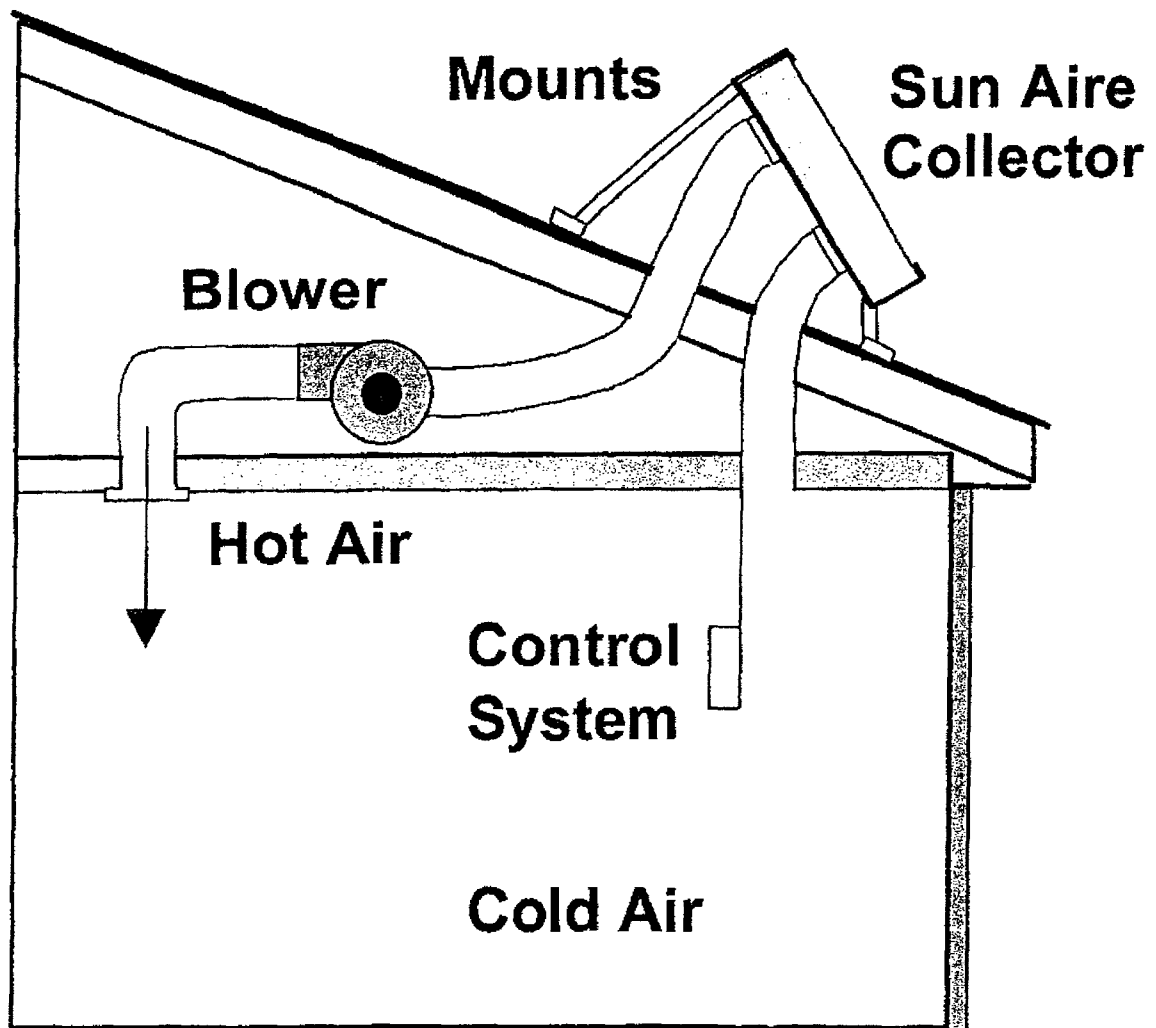
Good Ideas that Pay for Themselves

SUN AIRE AIR COLLECTOR SPECIFICATIONS



ENCLOSURE - .024 BROWN ALUMINUM
 ABSORBER - .019 BLACK ALUMINUM
 INSULATION - R-8 ISOCYANURATE BACK & SIDES
 AIR FLOW - DUAL PASS BEHIND ABSORBER
 GLAZING - LOW IRON TEMPERED GLASS
 WEIGHT - 32 SQ.FT. - 98 LBS. 48 SQ.FT. - 145 LBS.
 SHIPPING WEIGHT (CRATED) - 190 LBS. - 240 LBS.
 BLOWER - 362 CFM, 488 CFM FOR TWO COLLECTORS
 DUCT - 6" INSULATED FLEX
 TILT - LOCAL LATITUDE + 15 DEGREES
 MAXIMUM COLLECTORS RECOMENDED PER BLOWER - 4

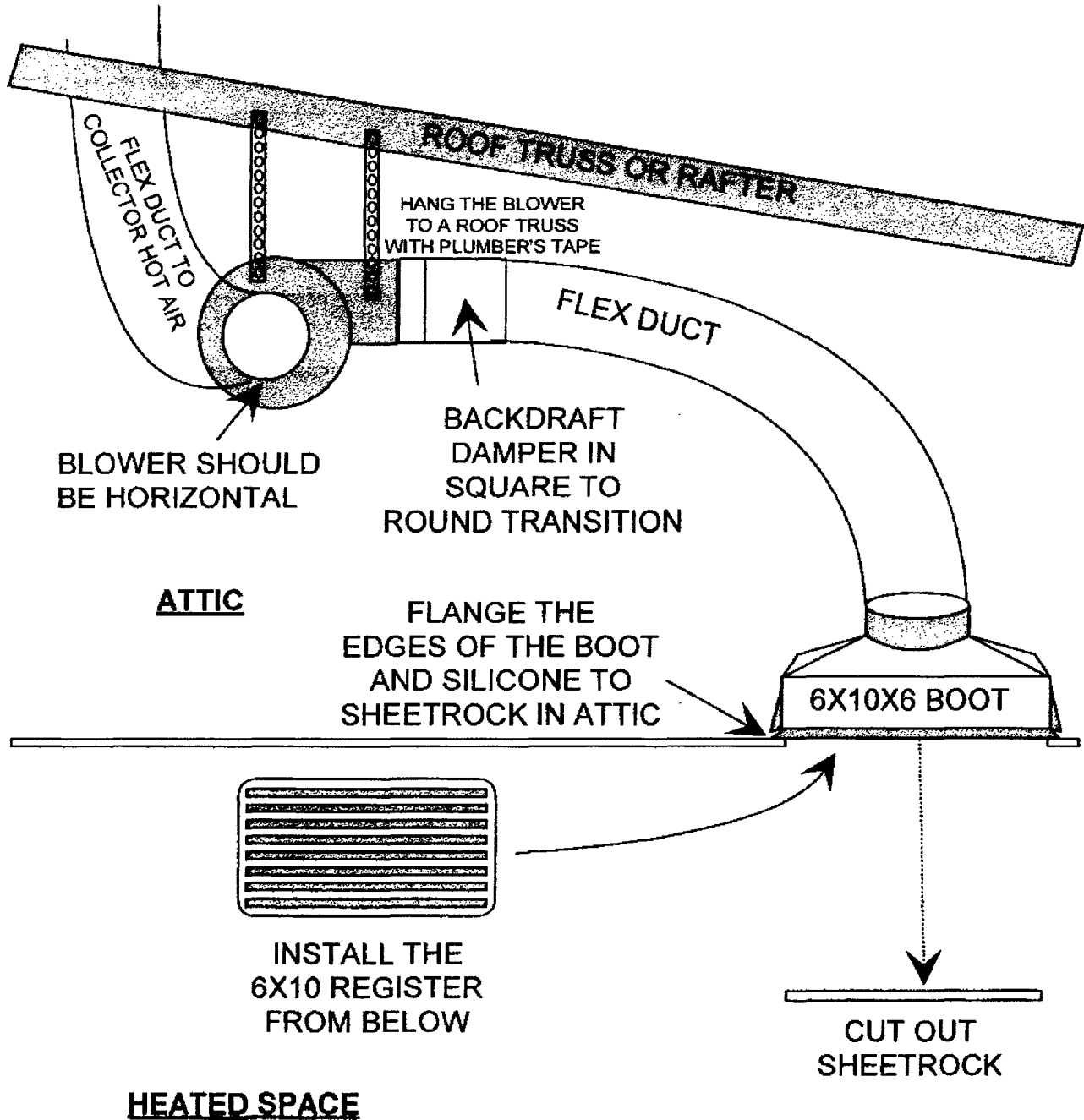




SYSTEM OPERATION

Cool air is drawn through the inlet of the collector and passed under the absorber plate which has captured the sun's energy. The air is turbulated as it passes through the collector and in a sense, the heat is "washed" from the absorber plate. The air, which is now heated, is delivered back into the home by a small blower. The thermostatic control system automatically turns the system "on" whenever the sun shines and "off" at sundown. A properly sized system can supply enough heat to your home to keep it warm well into the evening hours. The only thing added to the inside of your home are two attractive vents and a thermostat to allow you to call for heat when you need it.

DUCTING THE BLOWER AND HOT AIR



One 4'X8' panel heats
Approximately 700sq ft

4'X8'
Active Solar panels

Includes

1 hot air panel
2 roof jacks
25' 6" duct
1 sensor
1 350 blower
1 transformer
1 relay
1 4-square box cover
1 thermostat 1200
1 44X10X6 ceiling register
1 4X10X6 floor register
8 pieces 12" flex
1 back draft damper

\$2250

Labor to install \$650

Thank you for choosing...



....For all your solar needs.