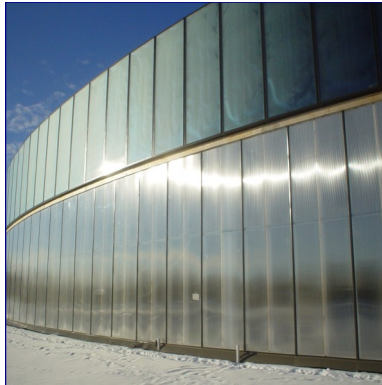




RREAL

Rural Renewable Energy Alliance

The Solar Air Heat Experts!



SPF

Solar Powered Furnace

2011 Product Catalog

Prices subject to change without notice. Shipping and crating charges will apply and vary depending on order.

SOLAR POWERED FURNACE

Solar Air Heat Collectors:
Designed and Manufactured
by **RREAL**

SPF 26

SPF 32

SPF 40



4' x 6.5'

The SPF 26 is ideal for residential installations and small spaces. Fits under the eaves of short walls, such as those of mobile homes.

\$1000



4' x 8'

Medium size for residential or commercial applications.

\$1150



4' x 10'

Sized for industrial and commercial applications including large scale installations.

\$1,400

Port cutting: RREAL will custom cut the side ports on the RREAL SPF collectors according to your system design at no additional cost.

Shipping and Crating: Shipping charges vary depending on destination. Crating costs are \$100 for the first collector and \$25 for each additional order. Local pickup is also encouraged

All prices subject to change without notice.

Solar Air Heat Installation Materials



EPDM Array Interconnect
Set (2 receivers, 1 stint): \$115



Panasonic Whisperline Fans

- FV-30NLF1 6" \$280**
- FV-40NLF1 8" \$310**



CFM In-line Fan with mounting brackets. AC Power

- AXC150A 6" \$184**
- AXC200A 8" \$242**



High temperature duct insulation

- 6" \$8 per foot**
- 8" \$12 per foot**



Controller, includes thermostat, 1 sensor with long high-temperature leads

\$319



Ducting starter collar

- 6" \$3**
- 8" \$4**



C-channel aluminum racking

\$2.50 per foot



Custom flashing

\$2 per foot



**Thermally Broken Backdraft damper.
Fits inside standard ducting sizes.**

6" \$26

8" \$38



RREAL Data Logger

Purchase \$225



White filtered low profile return air grill.

10" x 10" \$24

10" x 10" filter \$2.50



**White filtered return air grill.
Standard furnace air filter fits inside.**

14" x 20" \$39

14" x 20" filter \$2.50



Durasil low-VOC Silicone

1 tube \$6



TEK Lags

- For securing mounting rails

ITW Buildex TEKs

- For hanging collectors

Call for Pricing

Prices subject to change without notice

Various tools are required for installation

Other more easily available material will be needed for installation, such as lag bolts and ducting

An electrician is required for the installation of the controller system

Sample System Packages

Residential Solar Air Heat System

2	Solar air heat collectors SPF32	2,300
16'	1" x 2" C-channel	40
1	CFM AXC150A In-line fan	184
2	6" starter 'A' collars	6
2	6" backdraft dampers	42
3'	6" High-temperature insulation	24
8.5'	Section of flashing	17
1	10x10 return air grill w/ filter	24
1	Controller system	319

SYSTEM TOTAL **\$2,956**

Commercial Solar Air Heat System

10	Solar air heat collectors, SPF 40	14,000
80'	1"x2" C-channel	200
2	CFM AXC300A 12" fan @ \$350/each	700
2	Controller systems	638
4	12" starter 'A' collars @ \$8/each	32
4	12" backdraft dampers @ \$54/each	216
6'	12" High-temp. duct insulation @\$17/ft	102
16	Array Interconnect sets	1,840
40.5'	Section of custom flashing	81
2	14"x 20" return air grill w/ filter	83

SYSTEM TOTAL **\$17,892**

RREAL designs custom air heat, electric and hot water systems based on the structure, budget, and output needs of the clients. Individual system configurations may require additional materials from RREAL or materials available at most hardware stores including ducting and fasteners. These systems are samples and do not include installation or shipping costs. Please call for a quote, consultation, or site visit.

To Order:

Call RREAL at (218) 587-4753

Email product order form to: info@rreal.org

Login to the dealer page at www.rreal.org

Mail product order form to:

Rural Renewable Energy Alliance
2330 Dancing Wind Road SW, Suite 2
Pine River, MN 56474

Additional charges for credit card orders may apply