

# SUNSOURCE™

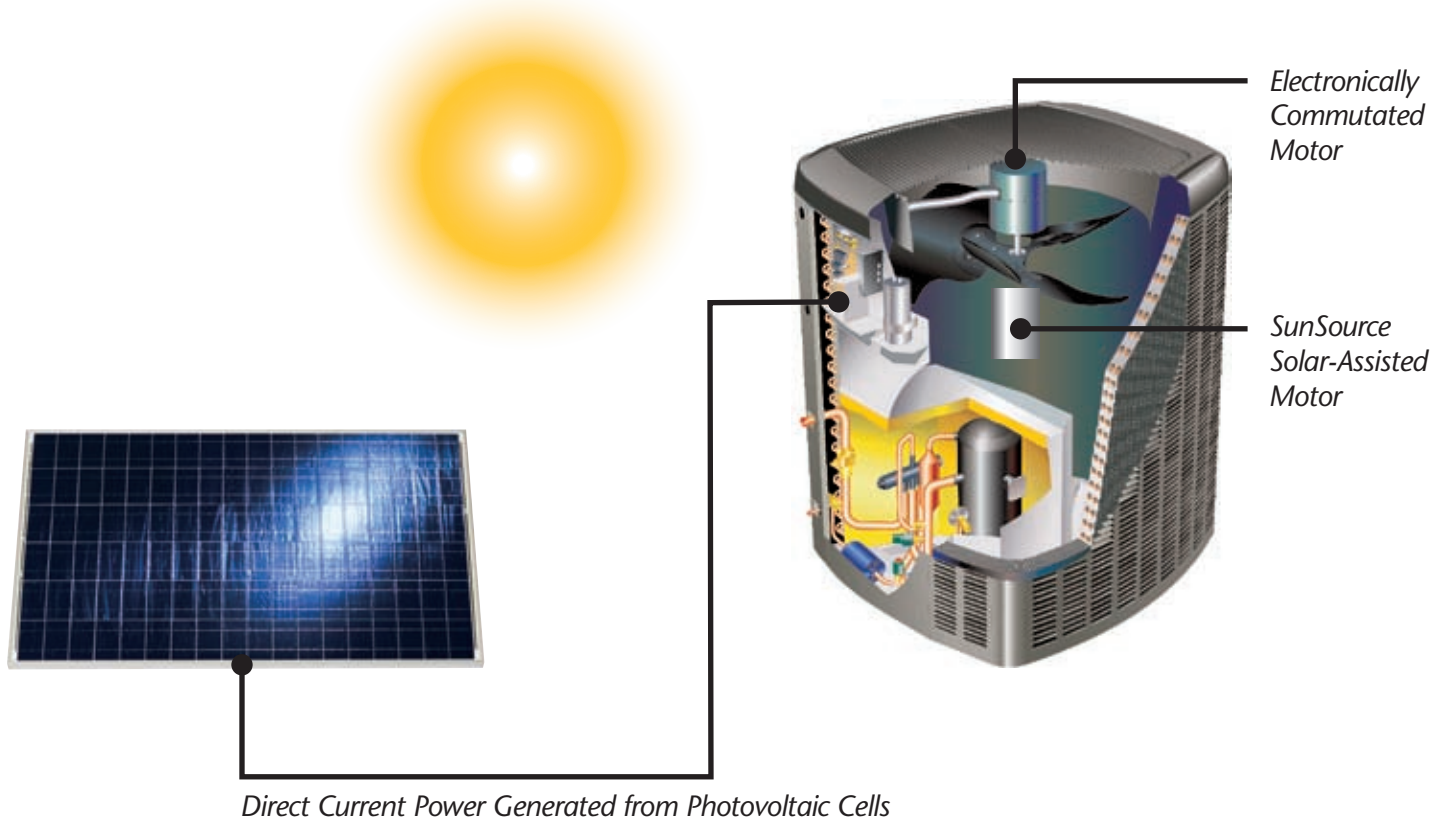
Solar by day. Electric by night. Savings all year.



## How it works:

With patent-pending technology developed specifically for use in residential heating and cooling applications, Lennox' SunSource™ Comfort System uses a single 190-watt solar panel to generate direct current power for operation of the motor that moves air across the outdoor coil.

The system operates on freely supplied solar energy during the time of day when peak AC loads match peak solar output. SunSource makes use of all available solar energy to reduce electric consumption – full sun is not a requirement. On days with limited sun exposure, SunSource continues to operate efficiently using metered grid electricity.



HOME COMFORT SYSTEMS  
Innovation never felt so good.™



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## Fact sheet:

### SunSource™ Comfort System Solar-Assist Heat Pump from Lennox

Lennox introduces the Dave Lennox *Signature*® Collection SunSource™ Comfort System, the HVAC industry's first solution for reducing peak demand on utility grids. The SunSource Comfort System will be available to consumers throughout North America in 2009.

#### Important facts about the system:

- The SunSource Comfort System from Lennox provides peak demand relief for every utility in every state
  - System operates at full PV capacity during the time of day when peak A/C loads match peak solar output
  - On days with limited sun exposure, grid-based electricity powers the system
  - System is ENERGY STAR® qualified
- With an estimated cost of \$3,000 – \$4,000 (plus the cost of the ultra high efficiency heat pump) versus the \$40,000 cost of a full PV residential installation, SunSource Solar-Assist Technology offers an easier, more affordable entry into solar power or homeowners and homebuilders.
- The SunSource Comfort System uses a single 190-watt solar panel to provide power that assists the fan motor in moving air across the outdoor coil. To match the expected gains in energy-efficiency, a conventional outdoor residential air conditioning system would have to almost double in size.
- Lennox is the only manufacturer offering a central air conditioner or heat pump system incorporating renewable energy. Patent-pending Solar Assist technology incorporates an energy efficient motor offset by a completely solar power-assisted motor.
- Every SunSource Comfort System offsets 376 pounds of CO<sub>2</sub> per year, the equivalent of planting seven trees or carpooling once a week. Multiplied by the 126 million homes in the U.S., the savings are substantial.
- SunSource is an excellent complement to Peak Demand Management programs. Because it works automatically, it's even easier for consumers to use than programmable thermostats.

Lennox Industries is a leading provider of customized home comfort systems, residential generators and indoor air quality products that are designed to deliver customized comfort, efficiency and functionality, with the most innovative and reliable features available. The U.S. Environmental Protection Agency and the Department of Energy have selected Lennox as an ENERGY STAR Manufacturer of the Year four out of six years for its outstanding contribution to developing and promoting energy-efficient products. For more information about Lennox home comfort products, visit [www.Lennox.com](http://www.Lennox.com) or call 1-800-9-LENNOX.



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