

I N V E N T O R S E R I E S

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The New

Standard

For High

Efficiency



GLOBAL **ENERGY** GROUP 

INVENTOR SERIES 1400

The NEW industry standard for HIGH EFFICIENCY

Global Energy Group, Inc. has invented the industry's most efficient line of packaged units which meets the growing concerns on life cycle costs. Our products incorporate two patented technologies to create a distinctive line of products that are head and shoulders above the competition. In fact, when competitors are touting their 'part load' performances, they do not even match the INVENTOR SERIES 1400 full load performances.

These easy to install, easy to service units will reduce your energy costs immediately.

Lowering Life Cycle Costs

When you buy a minimum efficiency unit, you get the lowest cost unit. When you consider moving up from the minimum standard to the new 'medium range' efficiency (11.0 to 12.0 EER), you add roughly 2 EER points, a start towards paying back your investment. But when you choose the INVENTOR SERIES 1400, the ONLY HIGH EFFICIENCY line of packaged units on the market, you add another 2 EER points beyond the traditional 'medium range' efficiency units.

Global Energy Group, Inc. presents the Inventor Series 1400 The World's Most Efficient Line of Packaged Units ⁽¹⁾



(1) Based upon ARI Certification Standard 340/360, as per PrimeNet listing July, 2002. (www.ari.org) Based upon comparisons of similar Rooftop Packaged Units in similar tonnage ranges. (2) Savings based on: 3000 operating hours per year, \$0.10/kwh electric rate, GEG 10 ton unit with an EER of 13.4

INVENTOR SERIES 1400

Easy to install & maintain

The INVENTOR SERIES 1400 is field-convertible into a side supply unit with horizontal side-by-side supply and return ducts. There is no need for horizontal transition curbs, which eliminate a significant expense, along with the pressure drops horizontal curbs can cause.

Even after installation, the INVENTOR SERIES 1400 is designed for ease of maintainability. The fan section slides out, making it easy to replace and align belts, as well as access all the indoor blower bearings. The coils are easy to access and clean, and the filters are easily replaced—which is most important when maintaining IAQ standards for the occupants.

Scroll compressors are easy to access. All these features add up to faster, less expensive maintenance costs and reduced downtime.



Invented for performance

Every component of our INVENTOR SERIES 1400 is designed for long life and reliable performance. Our patented E-Coil technology allows for greater heat transfer in the evaporator coil, which in turn creates a natural latent heat removal, greater than other evaporator coils that competitors offer. Our specialized circuitry,

invented by GEG, allows for greater moisture removal and at the same time, we utilize this energy to increase the overall capacity and performance at full and part load conditions.

The patented EER+ technology is incorporated into the design of the INVENTOR SERIES 1400 units. EER+ technology was developed and tested by GEG. One of our EER+ test sites at the United States Postal Service attained a Presidential Energy Efficiency Award. This exclusive technology positions GEG and the INVENTOR SERIES 1400 to stand above the competition with real innovation and solutions to solve most potential applications scenarios.



Similar to other competitive products, the INVENTOR SERIES 1400 uses dual circuited refrigeration cooling, to provide efficient full and part load conditions. Each refrigerant circuit has TXVs which manage the flow of refrigerant for reliable, efficient use.

Similar to how Thomas Edison brought about dramatic changes in how the world's population lives, works and communicates with each other, Global Energy Group, Inc. has developed a series of patented products that apply to HVAC&R products and categories. These patented technologies, which are exclusive to GEG can be combined together in various configurations to help offset typical refrigerant losses. Most notably, all our technologies are aimed towards the future. Our patents work with all the current and future refrigerants to extend capacities which will improve the quality of life for years to come.



GEG vs. "Standard" EER 9.7

GEG vs. "Medium" EER 11

SAVINGS PER YEAR ⁽²⁾

GLOBAL ENERGY GROUP INC.



Choose the

INVENTOR SERIES 1400

that is right for you

Unit Size	Nominal Tons	Standard CFM	Net Cooling Capacity (Btuh)	Total Power (kW)	EER	Sound Rating (dbA)	IPLV
007	7.5	3,000	88,000	6.574	13.5	83	13.9
010	10	3,840	115,000	8.649	13.4	83	14.0
012	12.5	4,400	142,000	10.947	13.1	83	14.1
015	15	5,400	178,000	14.738	12.2	83	12.5

For expanded ratings, refer to GEG literature or visit our Web site.



Energy Star
applied for.

Standard Warranty

- 1 year parts
- 5 year compressors

Optional Extended Warranties

- Startup
- Complete unit first year parts and labor
- Complete unit up to 5 years parts only
- Compressors up to 5 years, parts and labor
- Complete unit up to 5 years, parts and labor

Contact Global Energy Group, Inc. today

To find out how Global Energy Group, Inc. innovative technologies can help to benefit and manage your facilities indoor environment with the newest and latest levels of energy efficiency, reliability and control, contact your nearest representative by calling 1-888-202-4090, or visit our Web site.

Manufacturer reserves the right to discontinue, or change at any time, specifications without notice or without incurring obligations.

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