Krystal Planet

Fall/Winter 2005-2006



about Krystal Planet

- Grass roots marketing
- Energy-saving products
 - Solar & Wind
 - Hydrogen & Biodiesel

Save money **Reduce Pollution** Fast payback

Get free stuff (or cash) by referring other customers

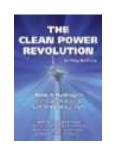
We make clean power easy!

- Ask for a 10-minute Krystal Fast Analyzer© by phone and get a report with:
 - Recommended products,
 - Return on Investment (ROI),
 - Savings per month.
 - Savings over 5 years, and
 - Environmental impact.
- The Average Household...
- Saves \$150 / month (\$2,000 / year)
- Gets a payback of 9-12 months
- Sees a ROI of 120% in the 1st year
- After receiving the Fast Analyzer© report, 90% purchase at least one product to begin saving right away. 33-50% buy the Gold package to save \$150 per month.

"Helping you save money & reduce pollution, with products to enhance your lifestyle."

Krystal Planet proudly supports the Freedom PlanSM, as described in the book The Clean Power Revolution*

- Written by wind expert & Krystal Planet founder Troy Helming
- Describes the Freedom Plan: convert America to 100% clean power in 10 years & save the U.S. economy \$20 Trillion.
- ☐ Based on today's wind, solar & hydrogen technology with realistic assumptions.
- ☐ All product purchases support installation of wind turbines at schools or small communities!



* Available at Amazon.com, Krystal Planet, and select bookstores for \$19.95







ENERGY STAR is a government-backed program (www.energystar.gov) dedicated to helping people protect the environment through superior energy efficiency.

ENERGY STAR qualified products meet strict energy efficiency guidelines set by US Environmental Protection Agency (EPA) and US Department of Energy (DOE). Not all Krystal Planet products are approved by ENERGY STAR. Be sure to look for the ENERGY STAR logo to identify these products.



saving money is easy!

People everywhere are worried about Energy & Pollution. You can do your part to help solve the energy crisis & reduce the single largest source of pollution: burning fossil fuels.

Thousands of Krystal Planet dealers worldwide offer our Products.

They help make saving energy – and saving money – easy:

- 1. Level 1 easy plug & play products.
- 2. Level 2 products that require installation.
- 3. Level 3 renewable energy systems (wind, solar, bio-fuels).
- 4. Level 4 hydrogen products (fuel cells, H2-powered vehicles).



"We're saving \$150 per month on utility bills & gasoline with the Gold Package. That's \$1,800 per year in cash savings that goes right back into our family budget!"

Jeff & Felicia Eagle (Overland Park, KS)

krystal planet – the world's 1st network of residential energy consultants!

What is a Home Energy Review (HER)?

After the Fast Analyzer©, a certified Home Energy Consultant* can visit your home, review energy consumption, and provide you with a more detailed report. * Certification requires training & passing a test.

The Home Energy Review report shows:

- Savings of \$15 \$200 / month+! (\$2,000 per year +)
- Reduction of Pollution & Greenhouse Gases
- Estimated increase in Home Equity value¹
- Recommended Products (for home & vehicles)
- Financing Options for Wind, Solar, or Hydrogen systems
- State & Federal Rebates, Tax Credits & Incentives (if any)
- Installing a renewable energy system and/or energy saving retrofits is likely to increase home equity and improve resale value by \$18,000 or more*.

*Rick Nevin, vice president of ICF Consulting, a Fairfax, VA-based international consulting firm produced two scientific studies that show how energy-efficient home improvements can boost home value by \$18,000 or more. And, for every \$1 you save on your annual fuel bill your home's value will jump by \$20 or more.







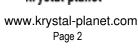






Benefits of a HER:

- Reduced energy use = less pollution!
- Low price guarantees.
- ☐ Some products available *only* from Krystal Planet
- ☐ Improve your **health** by cleaning the air & water!
- Minimal change in lifestyle & comfort you don't have to sacrifice to help the environment
- → Modern products that enhance the beauty of your home and increase its value



featured products



Save 12-20% on Gas.... Avg savings = \$30 to \$50 per Car or SUV per month!

see page 5 - 8



Save 60% over conventional hot water heaters.... average savings is \$20 - \$30 per month!

see page 13



see page 34



Simple, fast savings... saves an average of \$15 per month with average 141% Return on Investment in the first Year!

see page 4

Purchase all these products* (GOLD Package) and save ~\frac{\$150}{} + / Month (\\$1800 / year+) on energy!





Please note: All savings are calculated assuming electricity, natural gas, water, fuel consumption and mileage for the average US homeowner. As a result, actual customers savings may or may not equal the savings shown above depending on their actual Go to www.krystal-planet.com/legal.asp to view terms, conditions and policies. Assumptions for the above savings calculations are shown on page 46 of this catalog.

*2 Fuel Catalysts must be purchased to achieve this savings estimate.

Krystal energy saver



Fast, easy solutions to realize immediate energy cost savings!

HER 100

3 Products, One Low Price:
\$80

Average monthly savings*: \$15

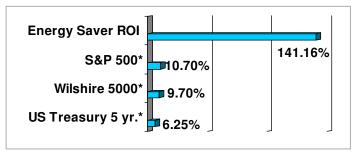
Annual savings*: \$180

1st Year Return on Investment: 141%



Average payback occurs in only 4 months!

*See page 46 for savings assumptions



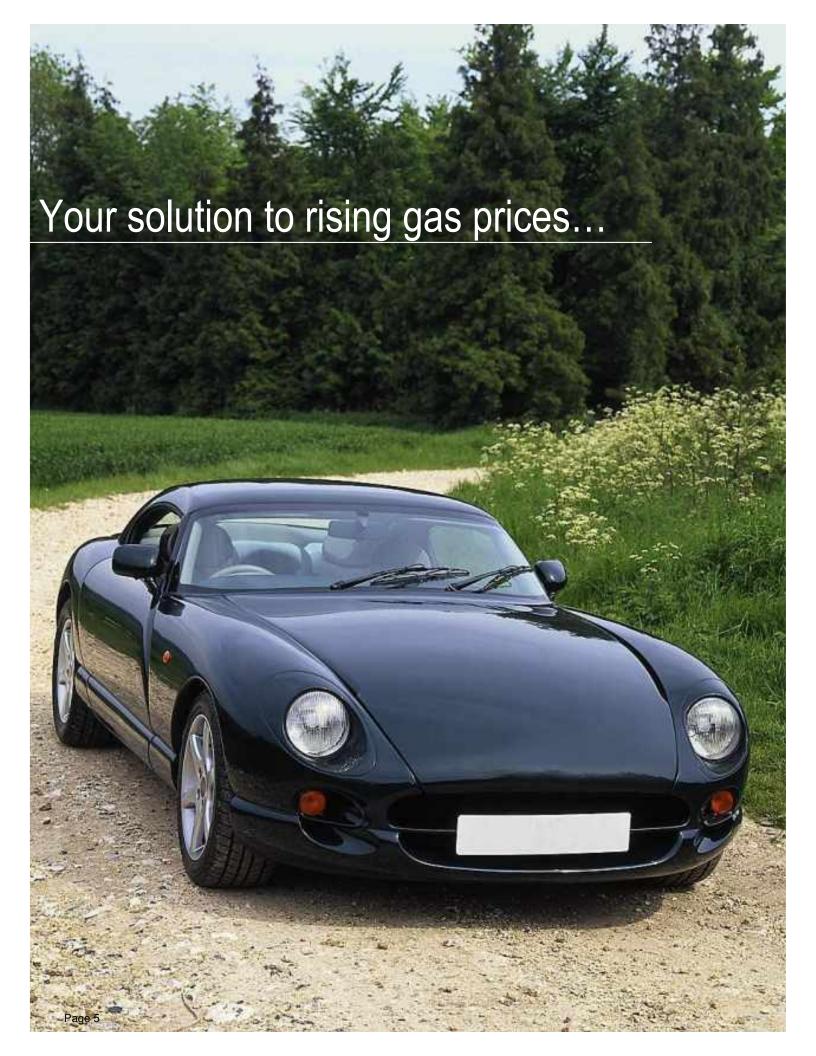
Return on Investment compared to other Investments

* 5 year average yield from 1997 - 2001



krystal planet
www.krystal-planet.com
Page 4

energy savings products



Save 15% on Gas*

Install a Fuel Catalyst in your vehicle...save up to 12-20% on Gasoline* for 5 years!

Average Savings**:

Cars – Save \$30+ per Month! SUVs – Save \$50+ per Month! Motorcycles – Save \$15 per Month! Plus, Lower Emissions by ~25% (Reduce Greenhouse Gases & pollution)

Price at the Pump	YOUR Price
\$2.00	\$1.60
\$2.25*	\$1.80
\$2.50	\$2.00





What is a Fuel Catalyst?

Krystal Planet is the only 'direct marketer' of the Fitch Fuel Catalyst, a permanent fuel treatment that improves fuel economy by 12-20%+, adds torque (power), and cuts emissions by ~25%. Used by the U.S. military (defense agencies bought millions of \$\$ of the product), it has 8 international patents, is EPA accredited (order # 40CFR85.2114) to not void any engine warranty, certified & tested by 20+ independent labs (studies available upon request), and comes with a **250,000 mile Warranty**.

Fortune 500 Companies and U.S. Defense Dept agencies use this catalyst!



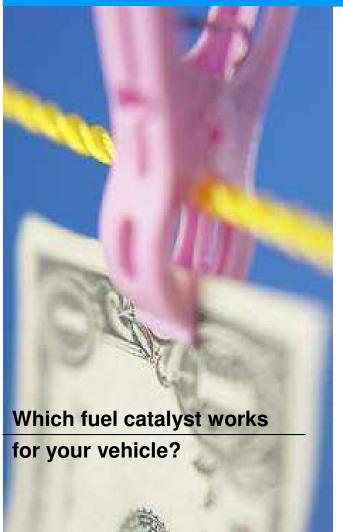
Special volume pricing is available for Corporations and Government.





- * Assumes gas at \$2.25/gallon. 10% savings guaranteed by KP i(not Fitch) n writing (assuming proper installation).
- ** Assumes \$2.20/gallon gas, 18,000 miles/year, 18% savings. Diesel savings should be slightly less.

choosing the right product



Green Machine:

One Size Fits All! We'll send what your vehicle needs (<= F200 or 8T) + install kit + 5 years of Emissions Credits! (Pollution-Free for 5 yrs!)

\$299 GM 150

Upgrades for larger vehicles

Model	Description	SRP
GM160	F300 In-Line, 10T Drop-In	\$349
GM170	F400 In-Line, 12 T or 14T Drop-in	\$399
GM180	F500 In-Line	\$469
۸	Standard In-Line Installation Kit	\$40

[^] Various installation kits available for In Line Models (but not required).





Note: the In-Line and Drop-In versions both treat the fuel effectively. On some vehicles, the Drop-Ins cannot reach the gas tank (anti-siphon device blocks the path, or the filler tube has sharp 90 bends, etc.) so the In-Line unit must be used. Another deciding factor is miles driven: < 1,000 miles / month (12k/yr) the Drop-Ins will likely perform better (the fuel is in the tank several days, long enough for the treatment to take place); >1,500 miles / month (18k/yr) the In-Line will likely perform better; between that range both versions should perform equally well.

how does it work?



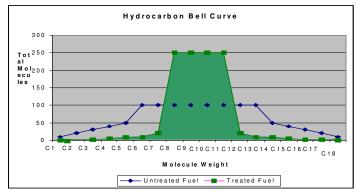


Benefits:

- Works on nearly any vehicle or engine (lawnmowers, motorcycles, cars, boats. etc)
- ☐ Lasts 5-15 years, warranty 250,000 miles.
- ☐ Save ~\$2,000 to \$4,000* on fuel costs over life of product.
- □ Pays for itself in ~6-10 months.
- 10% savings Guaranteed or money back*



In the center of the bell curve of any hydrocarbon-based fuel (gas, diesel, etc.) are the most efficient burning fuel molecules. On the left are light molecules (2s) that burn too fast causing ping/knock. On the right are the heavy/long chain molecules (16s) that burn too slowly/not at all adding little/no energy & resulting in carbon build up, plug fouling & emissions. The middle molecules produce optimum energy. Add the Fitch Fuel Catalyst: the 2s attach to each other to create 8s & the 16s split up into 8s. Now you have more 8s (most combustible fuel molecules), fewer 2s & 16s providing the most efficient burning fuel: greater horsepower/torque, improved MPG, lower emissions, reduced carbon build up and an all around better running machine. The next best thing to Fitch treated fuel is for you to drive to the refinery to fill up: not possible! Why doesn't every car have one? Auto manufacturer/EPA MPG testing is performed with 99 Octane fuel; Fitch won't help much with high fuel quality & octane.



Fuel Catalyst

real people with real results

"We installed an F200 catalyst into our Toyota RAV 4, 2wd, 2003 the day before our road trip to the keys. We did not have to refuel until after 5 days and obtained around 50 extra miles. We traveled over 300 miles in that trip. Today after 3 months, I consistently receive 50 miles (city + 1 day long distance commute) to 80 extra miles (city w/ 3 days long distance commute). So far, we are very happy with the results and are going to install a catalyst in our other vehicle."

Adriana Sanchez Gomez, Founder and CEO ~ Energy Consultants (FL)

"Troy, I have been in the grounds maintenance business for 4 years and have used almost every professional grade 2 stroke motor for my blowers and weed-eaters. One common trait they all share is the build-up of carbon in the exhaust ports and spark arrester screens. Since adding your fuel catalyst to my pre-mix I have not had any problems with carbon build up. The engines now run cleaner and I don't have to spend time keeping them running correctly. Thank you for your product and I would recommend them to anyone wanting to reduce emissions and improve efficiency."

Garret White, CEO ~ White's Lawn Service LLC (KS)

"I have an older model Chrysler Concorde with a 3.5 liter high performance engine that has never ran well on anything but 91 Octane or greater. I have tried using the cheaper 87 Octane fuel several times and it caused 'engine knock' and 'engine run on' which made the car sound like a diesel! After installing the drop in Fitch Fuel Catalyst I decided to try the 87 Octane fuel again just to see what happened. Amazing is all I can say! I wish that someone had sold me Fitch 10 years ago, I calculated the savings and it would have been over \$ 1500.00 in savings for my \$ 149.00 investment. Now I am getting better gas mileage and saving 20 cents per gallon just by being able to use the cheaper fuel."

Jeff Eagle, US Navy Submarine Force, Ret (KS)



"Prior to using the Fitch catalyst I did a MPG study on 6 tanks of gasoline for my 2002 KIA Spectra. The total MPG was 27.8 mpg. After I put Fitch in my tank at first I got 30 mpg but the recent readings have been 33 MPG and 34.plus for a total of 32.6 MPG. I have 50,000 miles on the car now. If you divide 50,000 miles by 27.8 you get 1,797.6 gallons times the current \$2.25 per gallon you get a total cost at present prices of \$4,046. If I had used a Fitch catalyst for the entire 50,000 the figures would look like this. 50,000 miles 32.6 = 1,533.74 gallons times \$2.25 = \$3,450.92 therefore \$1046.76 minus \$3451 is equal to \$595.83 savings with a return on investment of 4 *times cost.*" Richard D. Snyder (MI)

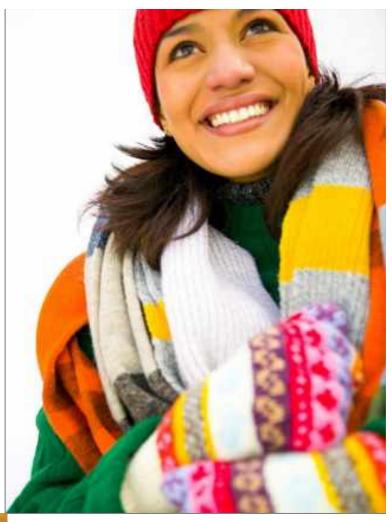
"I have had the Fitch in the gas tank of my car for six months now. I have seen a MPG increase of 18% and it has made the car start much easier. First time every time. I had the oil changed at the 500 mile mark with the Fitch. Since then I have put another 3,500 miles on the car and took it in for the regular oil change. Telling the mechanic about the Fitch and ask him what he thought about the oil? He took a look at the oil and said it was clean and did not need changing at this time. He told me to come back in after another 1,000 miles and I will take a look at it then. All you need to do is 'Fitch it and forget it'." Dwight Huntington, **Owner DK Jewelry (KS)**

"My 2004 Subaru Forester Turbo (4 cylinder) was rated on the window sticker to get 19 MPG city and 23 highway. I had the Fitch 6T installed in late April 2005 and have averaged 22 MPG in the city. That's a 16% increase, plus the car runs more smoothly and it cleans up the whole fuel injection system even though I continue to use premium grade fuel. On a recent highway trip I got 26-27 MPG (a 15% improvement over its rated highway MPG of 22). In August 2005 I ordered two more for both of our family's other vehicles, a 1998 Subaru Legacy GT (4 cyl) and a 1999 Chevy Silverado pickup (V8). I also use the small drop-in units in a gas tank for my weed eater and lawnmower. Before I used to have to pull the chain several times and a lot of black smoke came out. Now they start right up with no smoke!" John Yeradi, **Piano Tuning Business Owner** (KS)

"I have a 2000 Toyota Tundra V8 that I use for daily commutes in my insurance business, as well as on the weekend towing my boat to the lake. Jeff Eagle sold me one of the Green Machines to test under the 90 day money back guarantee...all I can say is, what a difference! My mileage has improved about 2.5 - 3 miles per gallon depending on driving conditions. That works out to almost a 16% increase in fuel economy. I am so happy with the results that I bought one for my boat and I just ordered one for my new 2005 V8 Sequoia." Steven Mainville, Mainville Insurance Agency – Overland Park, KS.



Help Fight Rising Heat Bills this Winter!



Page 9

Krystal Planet can help...



Natural Gas (1997 to 2005)

In September 2005, the U.S. Dept of Energy (Energy Information Administration) forecasted home heating bills this winter will rise* by up to 71% for natural gas, over 40% for heating oil and propane, as well as a 16% jump in electricity rates. The average home will spend \$600 more this year than last year due to record fossil fuel costs... krystal planet

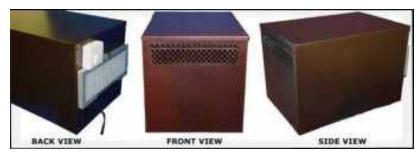
Krystal portable furnace



Specifications	
Applications	Heats 800 to 1,000 square feet
Volts	110V
Emissions & Fumes	0% (none)
Heat Emitted	5118 BTUs via superior infrared heat
Dimensions, Weight	16"W X 24"D X 18"H, 65 lbs.
Voltage	1500 Watts, 12.5 amps
Energy Efficiency	10x more efficient than a space heater
Available colors	Oak or Metal
Average lamp life	Four 375 watt lamps last 5000 + hours (3 – 5 years of average heating use)
Compliance	UL listed, C.S.A. and E.T.L. electrical approved
Warranty	3 years, including lamps; 1A Insurance Rating



Turn off your Furnace this Winter!



- Heats 800 square feet comfortably with no combustion, flames or fumes
- Uses less electricity than a coffee maker
- · Healthy comfortable Infrared heating
- Quiet operation
- The Krystal Portable Furnace is the latest technology formulated by over 20 years of reliable safe heating that has been popularly known as "Sun-Twin" technology
- Does not dry out the air uses humidity in air as a heat conductor, but does not remove humidity from air
- · Very low maintenance, washable lifetime filter, no moving parts (except fan)



HER 900

Price: \$599.00

Will my electric bill increase?

If you use the heater for 6 hours a day and your electric rate per Kilowatt hour is \$.08 per hour, your heater will consume 1.5 kilowatts (1500 watts) per hour or 9 kilowatts per day. Take 9 kilowatts X \$.08 per hour. You are only spending \$.72 per day or \$21.60 per month for one Krystal Portable Furnace!



Krystal cold weather package

Save up to \$600-\$1,000 this winter**

All for only \$999!

Average payback time: 6-9 months

Heating your home with these two 2 products allows you to lower your thermostat to, say 60 degrees, while still keeping the primary living area (one floor) & a bedroom nice and warm with their thermostats set at a cozy 68 degrees. Costing only ~\$20-40 per month to operate, these two products can cut your heating bill by hundreds this winter!

HER 901

Krystal Portable Furnace



Suggested Retail: \$599 See page 10 for details

Heated **Ceiling Fan**



Suggested Retail: \$374 See page 38 for details

Other Energy Saving Products**!



Suggested Retail: \$102 See pages 36, 19, 17 for details

average payback in less than ~9 months



Buy the package and save \$100!

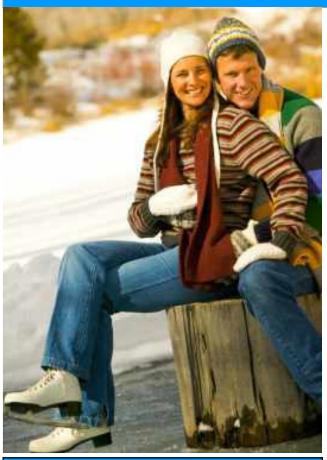
Estimated savings**: ~\$100 / month during Winter based on 2004 energy prices.

Savings during the 2005-2006 Winter could be \$200 / month or more!

- **Other energy saving products included are:
- Two (2) Fresh CFL bulbs (eliminates odors in the air when lit, uses 75% less electricity than a comparable incandescent, lasts 10x longer, SRP \$11 each)
- An Appliance Saver (cuts energy) consumption on any appliance with a motor, SRP \$50)
- Two (2) hot water saving spa quality massaging shower heads (SRP \$15 each)
- Average payback in only 4 months!



tankless hot water heater



Specifications		
Applications	Entire house* – 2 baths, dishwasher, washing machine	
Max KW at 220V	11.8 KW	
Volts	220V	
Gallons per minute 4.0		
Pipe Fitting	1/2" Standard Pipe	
Pressure Requirements	5 PSI-Min./150 PSI-Max	
Voltage Elements	220 VAC Std.(208/277 Avail.), max amps at 220V = 54	
	Dual Incoloy/Nichrome	
Energy Efficiency	Up to 99.5%	
Activation	0.4 GPM-on/).3 GPM-off	
Indicators	Red-on/Amber-stand by	
Warranty	10 years on casing 1 year on components	
Protection	Dual Microtemp Thermofuse - Manual Resetable Thermostat	

**See page 46 for savings assumptions



- Easy to install
- No tank required
- Heats water on demand
- Very precise regulation
- It pays for itself quickly on electricity savings
- Saves space
- Safer than conventional units
- Competitive products will cost from \$500 to over \$1,000
- 10 year manufacturers warranty



HER 310

Price: \$299.00

Krystal Planet's Tankless Hot Water heaters incorporate new space age technology and feature a faster and more accurate temperature sampling system, a manual resetable thermostat and a new air/water deferential analyzing system to prevent dry starts, (which is a key problem for other tankless systems.)

By heating water only as it is needed our Tankless Water Heater eliminates the need for bulky water heaters that heat water continuously. This can reduce hot water costs up to 60% over conventional electric water heaters. The Tankless Water Heater's high efficiency is in part due to its dedicated analog microprocessor that samples input and output temperatures 21 times per second. This power control system analyzes the data and manages power usage for maximum efficiency and temperature stability. At rest, the Tankless Water Heater uses no power at all. Larger or smaller units available upon request.



The heater is incredibly compact

Average estimated monthly savings for our customers**:

If you currently use natural gas to heat your water: \$25

If you currently use electricity to heat your water: \$30

*You will need one unit per existing hot water tank in your house, and one additional unit if you have 3/4" pipes – the typical home has ½" pipes



www.krystal-planet.com Page 13 Special Winter Savings

Bosch tankless hot water heater





A gas tankless water heater capable of supplying two showers simultaneously.

The Bosch AquaStar Model 250SX has quickly become the tankless water heater of choice for families needing to operate two major hot water applications at a time.

With an average life expectancy of more than 20 years, energy savings of up to 50%, and an endless supply of hot water, your family will thank you for years to come.

Easy to install with multiple venting options, the Bosch AquaStar Model 250SX is the right choice.

Available in natural gas (HER 950 NG) or liquid propane (HER 950 LP). Suggested retail \$1299 (save \$200!).

Whole home system: \$999!

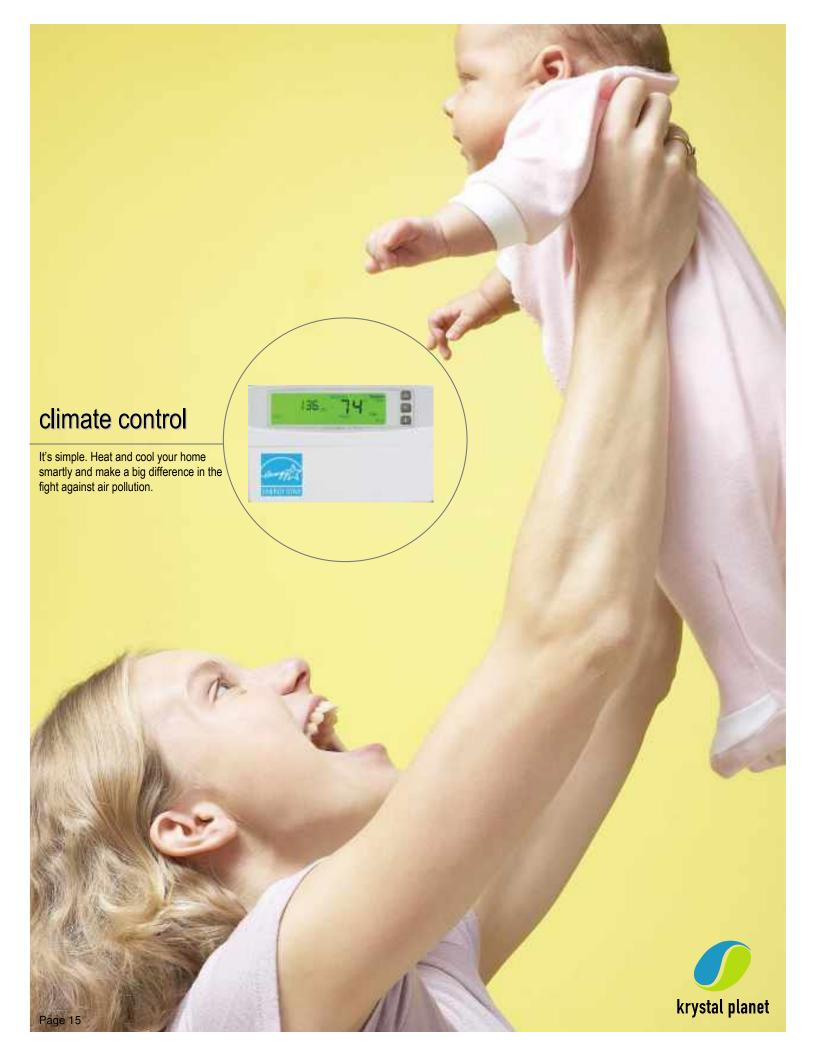
Features:

- Delivers up to 6.4 gallons per minute, enough to run two showers at once
- Direct vent room-sealed combustion.
- No standing pilot! (Electronic ignition)
- Built-in power vent allows for vertical or horizontal venting
- 12-year warranty on heat exchanger 2 years on parts
- Computer-adjusted fuel and air mixture optimizes performance
- Remote thermostat (TSTAT2) available to digitally control output
- temperature
- Saves up to 50% off utility costs
- Smaller than a suitcase and weighs only 47 pounds. Easy installation!
- Provides an ENDLESS supply of hot water
- State-of-the-art Bosch quality and engineering
- Pressure relief valve included
- CSA approved



Also available: Horizontal vent kit (HER 951) \$224 and Remote thermostat (HER 952) \$155





FOR ELECTRIC BASEBOARDS AND CONVECTORS (LINE VOLTAGE)







HER 327

Price: \$52.50

Aube TH 115-A (Line Voltage)

- 3600 watts @ 240 volts, 1800 watts @ 120 volts. 15 Amp resistive load
- 7 day independent programming, 4 settings per day
- · Operate in automatic, manual, or vacation

..........

- No battery protected memory
- · 4 wires, DPST
- Dimensions: 4.8" x 2.7" x 1.0"





HER 328

Price: \$56.50

Aube TH 101-D (Line Voltage)

- 4000 watts @ 240 volts, 2000 watts @ 120 volts. 16.5 Amp resistive load
- 4 programs for weekdays, 4 programs for weekends
- Operate in automatic or manual
- No battery protected memory
- Single pole, 2 wires
- Dimensions: 4.8" x 4.4" x 1.6"



FOR FORCED AIR, HOT WATER AND AIR CONDITIONING (LOW VOLTAGE)







HER 329 **Price: \$55.00**

Aube TH-141-HC-28 (Low Voltage)

- · Use for heating only or heating and air conditioning
- · 4 settings per day, different settings each day
- · Operate in Manual, Auto or Holiday mode
- Low battery indicator, keeps program for 30 seconds when changing batteries
- Wall plate accepts 2, 3, 4 or 5 wires
- Dimensions: 3.8" x 4.9" x 1"

NON-PROGRAMMABLE DIGITAL THERMOSTAT HEATING ONLY (LOW VOLTAGE)





HER 330 **Price: \$38.00**

Aube TH 135 (Low Voltage)



- Digital display extremely accurate
- Replaces standard dial thermostat
- Use for heating only
- · Manual thermostat, plug in a day setting and a night setting
- . Push button to turn up in the morning, down at night
- · Battery operated with low battery indicator

A programmable thermostat can save ~\$114 per year or more on heating and cooling costs



www.krystal-planet.com
Page 16

programmable thermostats

Circuit Rider



It's easy to find wasted energy and provide motor output enhancements so that you can save 10% or more of your electricity bills.

The Circuit Rider product is installed at your circuit panel by an electrician, and performs power factor correction acting as a whole house surge protector, resulting in savings on your electric bills.

If you are interested in this product, please consult your home energy consultant to discuss which model will work best in your home. Professional installation is necessary.

Energy savings for the whole house!

- Rebuild America Program (U.S. Department of Energy's EERE) has added Circuit Rider Marketing as a business partner.
- · CRMarketing is a member of the Texas Energy Partnership of SECO
- CR-Max energy-saving devices are UL- certified surge protection for your sensitive electronic equipment
- Risk free, 6-month money-back guarantee that you will save at least 10% on kWh
- Up to 5-year 100% replacement warranty
- \$2,000,000 property liability coverage per device
- \$1,000,000 personal liability coverage per device

Prices starting at \$450.00...



appliance energy saver

EnergySmart Power Planner I: up to 10 amps

- Energy Management Controller
- Micro controller based on 8-bit RISC technology Proprietary Power Management software (Algorithms)
- Reduces the power consumption of unmatched motor systems
- · Protects against brownout & power surges
- Reduces operating temperature, thus increasing life of motor
- Will operate at 120 or 240 volts and 50/60 cycles
- · Current ranges is up to 10 amps

Avg monthly savings: \$4.28*



Price: \$50.00

The Power Planner I can be used on single phase motors up to 10 Amps that drive refrigerators, freezers, evaporative coolers, clothes washers, gas dryers, dishwashers, soft drink machines, shop & garden tools and many other appliance types.

The unit plugs into a standard wall outlet, with the equipment's plug connecting into the side of the Power Planner. It will work with any appliance or equipment that uses induction motors that do not exceed the unit's maximum amperage rating of 10 amps. It will work equally well when supplied with 120 or 240 V AC at 50 or 60 cycles and has been tested and used on a variety of applications.



www.krystal-planet.com Page 17 energy savings products



ENERGY STAR HOME SEALING

ENERGY STAR is a program of the U.S. Environmental U.S. Department of Energy

To save on your heating and cooling bill and increase the comfort of your home:

- Add insulation
- Seal air leaks
- Choose ENERGY STAR qualified windows when replacing windows

Automatic door sweeps are the perfect door

sweeps if your door is crossing carpets or rugs. Automatic door sweeps will rise when the door is

open to clear carpets and rugs, and seal the gap

between the door and threshold when the door is

closed. To install, the sweep is attached to the side

of the door facing the door jamb using the provided

screws, and a "roller" (plug) is inserted into the door

roller, the roller presses the vinyl flange against the

threshold. The sweeps are suitable for sealing gaps

up to 1/2" between the threshold and door bottom.

jamb. When the door sweep presses against the

www.energystar.gov

36" (91.4 cm) in length.



Automatic Door Sweeps





Product	Size	Price
HER 361	brown	\$8.00
HER 362	white	\$8.00

Panasonic high efficiency room air conditioner offers a host of features, including a remote control, electronic digital display, electronic touch pad thermostat control, 12 hour delay on/off timer, an economy operation mode, two speed fan, and a 2-way air deflection system to help distribute the cooled air. The temperature may be set from 60 to 86 degrees Fahrenheit. In the event of a power outage the air conditioner will restart automatically. It has an easy to lift out filter.

HER 360

Price: \$175.00



Panasonic 5200 Btu **Room Air Conditioner**





GE Max 1000 Acrylic Caulk (Not Paintable)



This is a good quality caulk for use around windows, doors, siding, trim, baseboards, and vents. It is mildew resistant, will be tack free within 1 hours, may be painted over within 2 hours, and will fully cure within 2 days. One tube (10.1 oz) will cover 51 linear feet of 3/16" bead. It is not suitable for use on aquariums, stoves, food areas, marble, or underwater. This caulk will clean up with water.

Product	Size	Price
HER 335	white	\$4.50
HER 336	clear	\$4.50

GE Max 3500 Siliconized Acrylic Caulk (Paintable)



This is a good quality caulk for use around windows, doors, siding, trim, baseboards, and vents. It is paintable, mildew resistant, will be tack free within 1 hours, may be painted over within 2 hours, and will fully cure within 3 days. The clear caulk will go on white, but turn clear within 10 to 14 days. One tube (10.1 oz) will cover 51 linear feet of 3/16" bead. It is not suitable for use on aquariums, stoves, food areas, marble, or underwater. It may be cleaned up with water.

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Product	Size	Price
HER 337	white	\$2.25
HER 338	clear	\$2.25



Broan HS Ultra-SensAire Fan





With this energy efficient Broan fan you'll no longer have to remember to turn on your bath fan again. Broan's humidity-sensing bath fan has an integrated humidistat to detect a rapid rise in humidity in a room, which will turn the fan on automatically. Moisture is sensed at the ceiling, where it is generally most prevalent. The fan has an integrated off-timer that will turn the fan off after the humidity has fallen below the user-adjustable set-point. The off-timer is user-adjustable from 5 to 60 minutes (it comes pre-set from the factory at 20 minutes). If you need to run the fan manually, cycling the wall switch once will run the fan for the timed period. The fan is IC (insulation contact) rated, designed to attach to 4" round duct, and is suitable for installation on ceilings as high as 12 feet. 1 year manufacturer's warranty. Price: \$200.00 HER 350



www.krystal-planet.com Page 18

energy saving products

water saving shower heads

Can you save water and still get a great shower? YES!

Many showerheads are called "water-savers", but not particularly "water efficient". The best way to compare them is by reading the flow rate, in gallons per minute, which is usually stamped somewhere on the showerhead. Most new showerheads are rated at 2.5 gpm. Older ones are probably much higher.

By replacing each of your showerheads with our 1.75 gpm showerheads, you get an instant reduction of at least 3/4 of a gallon per minute. Considering the average person takes a 10 minute shower, a family of four will save at least \$96 per year. The savings are immediate and really add up.



Earth Massage Showerhead



HER 312 **Price: \$12.50**

Avg monthly savings: \$3.79*

- 9-Jet Turbo Massage setting from forceful to gentle
- Fully adjustable spray
- Non-removable flow compensator
- Non-aerating spray for no temperature loss (no cold feet)
- Consistent flow rate regardless of water pressure
- Self-cleaning and maintenance free
- · Easy-to-install
- Corrosion resistant high-impact ABS thermoplastic body
- Chrome-plated brass coupling nut
- Meets or exceeds ANSI specifications
- CSA and CEC Certification 10-year guarantee

ETL Oxygenics® Skin Care Showerhead





HER 334 **Price: \$29.95**

- "Self-pressurizing"- the showerhead can automatically adapt to low and variable water pressure
- Delivers a great shower whether the water pressure is 20 psi (pounds per square inch) or 100 psi
- Maximum flow rate of just 2.0 gallons of water per minute (gpm
- Comfort control lever on the side to allow for the regulation of water velocity at the showerhead, allowing the user to select a spray ranging from brisk and stimulating to soft and gentle
- Constructed of award-winning Dupont Delrin which is resistant to the corrosion, lime, and scale buildup

Manufacturer's lifetime nonclogging guarantee

*See page 46 for savings assumptions



Page 19

water savings products

water saving sink aerators

Most aerators are rated at 3 gallons per minute (gpm). By replacing them with 2 - 2.2 gpm in the kitchen, you're cutting your waste by one third. How long does the water run while you're washing your dishes?



Kitchen Aerator with Button

The flow control button on this faucet aerator will allow the user to quickly and temporarily interrupt the flow of water. This is especially useful in kitchen sinks, where users can have plenty of water when they need it, and minimal water flow when they don't. The benefit of a button, instead of a lever is that it is less likely to get in the way when working in the sink. The aerator is dual threaded, is rated at 2.2 gallons per minute at 80 psi, and has a solid brass chrome-plated body.



Kitchen Aerator with Flip

The flip lever control on this faucet aerator allows the user to quickly and temporarily reduce the flow of water down to a trickle. This is especially useful in kitchen sinks, where users can have plenty of water when they need it, and minimal water flow when they don't. The aerator is dual threaded, is rated at 2.2 gpm or less, and has a solid brass chrome-plated body.



Dual-Spray Kitchen Aerator with Swivel

This kitchen aerator turns an ordinary faucet into a powerful cleansing spray but uses only 2 gallons (7.6 liters) per minute. Moving the body slightly up or down will change the spray from an aerated spray to a stream, and the swivel feature will allow the water to reach every part of the sink.

pure, clean water from air...

HER 332 Price: \$3.25

HER 331 Price: \$2.95

HER 333 Price: \$5.95



No more bottled water costs!

This water making machines produce more delicious water in low humidity conditions than any other machine in the world. Highest quality, pure drinking water for pennies to the gallon. Needs no plumbing and no assembly, just plug it in. Hassle free, unlimited drinking water on demand. Provides water economically to remote areas. Eliminates the need for bottled water. So energy efficient (1 kWh/gal) that under the right conditions it makes a gallon of water for as low as \$0.04 a gallon (\$0.01 liters). Compare that with \$1.00 a gallon (\$1.00 per 3.78 liters) charged by most bottled water companies, and the choice becomes crystal clear. 110 or 220 volts.

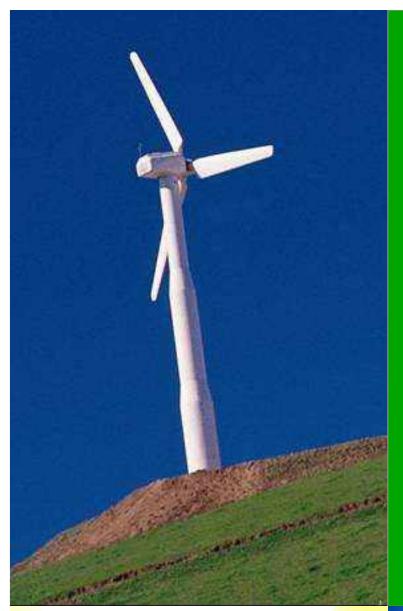
\$1,495 20 Liters (5 gal) /day (50% humidity, 27° C / 80° F) HER 810



Also available for volume purchase.



water savings products





Solar, wind & hydrogen solutions for a clean, sustainable future



30% federal tax credits for solar!

For the 1st time since the 1970s & 80s, the U.S. Government is giving tax credits for solar systems! These are dollar-for-dollar tax credits, not mere tax deductions. No limit for commercial purchases, individuals are capped at \$2,000. Available in 2006 & 2007.

See <u>www.irs.gov</u> and <u>www.doe.gov</u> for more info.

Entry Level Solar Systems:

204 watts - \$750 ~30 kWh/mo, HERSOLARGT1

408 watts - \$1500 ~60 kWh/mo, HERSOLARGT2

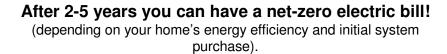
1,000 watts - \$6800 ~150 kWh/mo, HERSOLARGT3

Add a 400 watt Wind Turbine for only \$995 ${\,}^{\sim40\text{-}80\,\text{kWh/mo}}$

These prices do not include installation.

Enroll on the Solar Autoship monthly for only \$150 per month

Get another Uni-Solar PVL strip/shingle/flex-panel mailed to you every 2-3 months. Reinvest your energy savings into a solar system to make this a net-zero investment to a zero-energy home!









As featured in...















Krystal Home Solar Solutions

solar solutions for your home



Brand names you know & trust.





be sharp









Save up to 70% on purchase price with rebates & incentives that may be available in your state.

www.dsireusa.org



Pricing for Turnkey (installed) Grid-Tied Home Solar Systems:

1~kw - \$11,999~``140~kWh/mo, HERSOLARGT1'

 $2 \text{ kw - }\$18,\!499 \text{ \sim}275 \text{ kWh/mo, HERSOLARGT2}$

 $3 \text{ kw} - \$24,999 \sim 425 \text{ kWh/mo, HERSOLARGT3}$

Off-grid turnkey systems (with batteries):

1 kW - \$14,999 ~140 kWh/mo, HERSOLAROG1

 $2 \text{ kW} - \$22,499 \sim 275 \text{ kWh/mo}, \text{HERSOLAROG2}$

3 kW - \$29,999 ~425 kWh/mo, HERSOLAROG3

Why solar power?

- 30% Federal Tax Credit (2006 & 2007)! Get a dollar-for-dollar tax credit (not just a deduction, a tax credit) on the total installed cost of a solar system (limits may apply to non-commercial installations).
- Reliable, silent, & emission free for 25+ years!
- Save 50-100% on energy bills!
- Superior support from seasoned pros: LEED-accredited architect; custom solar project design.
- Price includes installation by a licensed installer (175 sq ft per kW)
- □ Reduce pollution/greenhouse gas!
- Off-grid systems include batteries.
- Solar shingles pass nearly any zoning restriction!



FINANCING CHART

Credit	Monthly
Score	Payment*
700	\$121
550	\$246
700	\$184
550	\$318
700	\$238
	Score 700 550 700 550

* Estimated, assumes 15-yr home equity loan



www.krystal-planet.com Page 23 Krystal Home Solar Solutions

wind solutions for your home





Wind system for \$2,499!



HERWINDOG1

WHERE AND HOW THE AIR-X WIND MODULE IS USED

- The AIR-X is ideal for those who need a little power for small appliances such as TV, radio, laptop & a few lights.
- Remote Cabins, Telecommunication Towers, The Developing World, Monitoring Stations

FEATURES

- ~38-60 kWh / month average production @12 mph avg wind speed
- Unprecedented 3-YEAR WARRANTY
- Carbon Fiber Blades, Aircraft quality aluminum alloy castings
- Exclusive Brush-less neodymium cubic curve alternator
- · Sophisticated internal battery charge regulator
- · Maintenance-free Only two moving parts
- Exclusive Auto-brake-feature that slows it to a silent spin when batteries are charged, extending bearing life & reducing noise.

Why wind power?

- □ Save 50-100% on electric costs!
- Price includes installation by a licensed qualified installer.
- Superior support from seasoned pros: LEED-accredited architect; custom design; certified SWW experts on staff
- □ Reduce pollution/greenhouse gas!
- SW Wind Power has 18+ years in the business, over 20,000 turbines sold worldwide, and is the world leader in home wind.
- Off-grid price includes batteries.
- Marine coating option for coastal areas, add the specified cost:
 1 \$1100 2 \$500 3 \$275

Turnkey (installed) Grid-Tied / Off-Grid Wind systems



(4) Air-X turbines (1600 watts) ~152 kWh / mo

Grid-Tied: \$11,999¹ HERWINDGT1 Off Grid: \$2,499³ (see above) HERWINDOG1



Whisper 200 (1 kW) ~250 kWh / mo

Grid-Tied: \$10,999² HERWINDGT2 Off Grid: \$12,999² HERWINDOG2

33-75% of a typical home



Whisper 500 (3.2 kW) ~500 kWh / mo

Grid Tied: \$21,999²
HERWINDGT3

Off Grid: \$21,999² HERWINDOG3

50-100% of a typical home

FINANCING CHART

Amount	Credit	Monthly
Financed	Score	Payment*
\$2,299	700	\$34
\$9,999	550	\$138
\$9,999	700	\$103
\$18,999	550	\$246
\$18,999	700	\$184

* Estimated, assumes 15-yr home equity loan



Krystal Home Wind Solutions

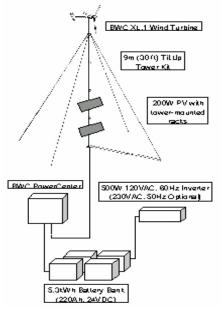
hybrid wind/solar solutions







eliminate your power bill...



Save up to 70% with rebates that may be available in your area!

www.dsireusa.org

Pricing for Turnkey (installed) Grid-Tied Hybrid Systems:

2 kW - \$19,999 HERHYBGT1 (1 kW Solar + 1 kW Whisper 200; ~400 kWh/mo) Off-grid version: \$22,999 HERHYBOG1

3 kW - \$24,999 HERHYBGT2 (2 kW Solar + 1 kW Whisper 200; ~600 kWh/mo) Off-grid version: \$28,999 HERHYBOG2

6.2 kW - \$39,999 HERHYBGT3 (3 kW Solar + 3.2 kW Whisper 500; ~1,000 kWh/mo) Off-grid version: \$44,999 HERHYBOG3

Why a Hybrid?

- At night, the wind still blows! Increase system efficiency & performance.
- Save 50-100% on energy bills!
- Price includes installation by a licensed qualified installer.
- Reduce pollution/greenhouse gas!
- Off-grid systems include batteries.
- Solar shingles are available

Entry Level system!

- 400 watt Air-X Wind Turbine + 300 watts of Solar PV (~100 kWh/month production)
- Off-grid system w/batteries HERWNDSOL1
- Only **\$5,999** (~\$60-\$90/mo financed)!

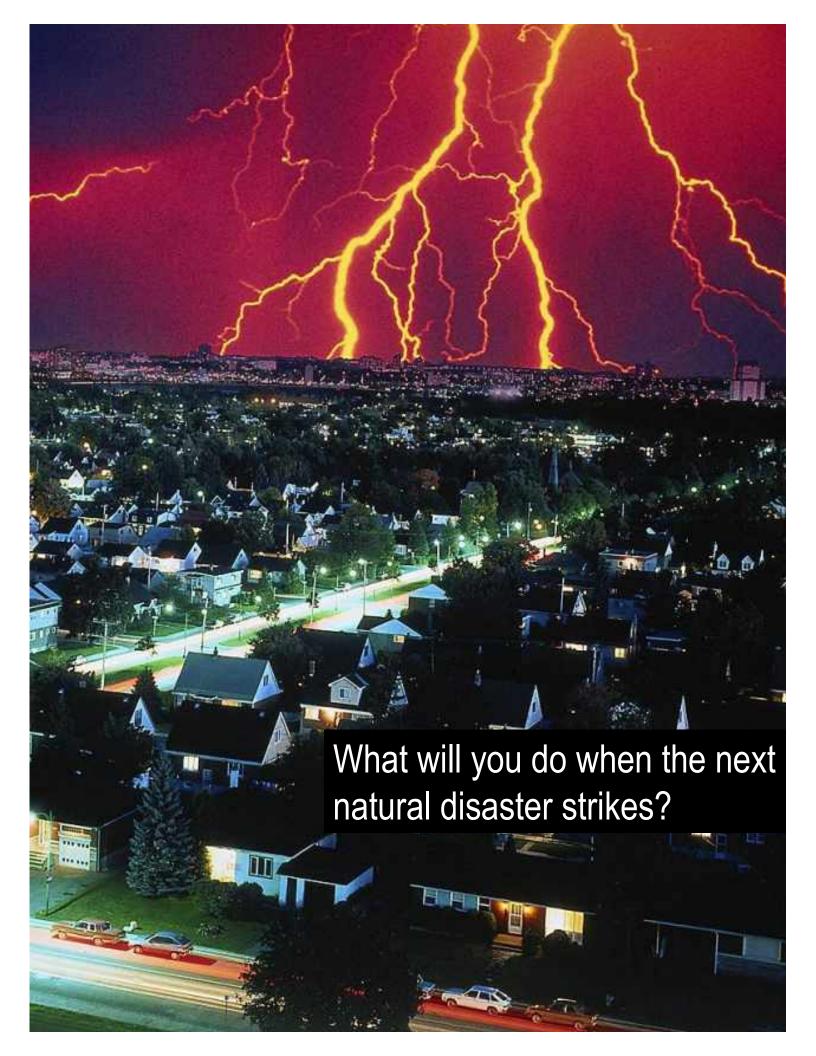
FINANCING CHART

Amount	Credit	Monthly
Financed	Score	Payment*
\$19,999	700	\$193
\$24,999	550	\$318
\$24,999	700	\$238
\$39,999	550	\$498
\$39,999	700	\$373

* Estimated, assumes 15-yr home equity loan



www.krystal-planet.com Page 25 Krystal Home Solar Solutions



Communications, Power & Water - anywhere, any time



Solar Power with Battery Backup, DC to AC inverter

Purified Drinking water made from thin air











WiFi Hot Spot, up to 8 VOiP **Phone Lines (2-way Satellite)** 110v Electricity for 5-10 Laptops*, 24 hrs/day

Critical services for Disaster relief, Mobile Command, etc.

Low Investment Cost:

1 kW - \$25,000

2 kW - \$40,000

3 kW - \$50,000

Volume discounts apply.

FINANCING AVAILABLE

Amount	Credit	Monthly
<u>Financed</u>	Score	<u>Payment</u>
\$25,000	700	\$238
\$40,000	700	\$373
\$50,000	700	\$463

Benefits:

- After a Disaster, POWER & WATER are needed most. The Krystal Freedom Trailer provides both quickly & easily, without a complicated logistical chain.
- Power: enough to run the dehumidifying water machines & WiFi Satellite + up to 3-4 laptops/4 VOiP lines per kW*.
- Water: up to 40 Liters (10 gallons) per day per kW* (at 50% humidity)*. Purity is 100-200x better than WHO standards (no viruses, bacteria, dissolved solids, metals, or toxins).
- Allows Multiple Mobile Command Centers over a wide area (better, more efficient coverage, closer to those in need).
- <u>Lightweight</u>: pull with any SUV or truck (~3,000 lbs).
- Minimal operating cost: \$300 / month for Internet (1,000) Mbps down/100 Mbps upload speed) & 4 VOiP Phone Lines
- **Long life** (25-year warranty on solar panels, 5-years on most other components) with minimal maintenance.
- Storage is easy: park it anywhere! Left in the sun, it can help power a building (cut electricity usage & costs).

Options to consider:

Solar Security Flood Lights (2 for \$150) Composting Toilets (2 for \$3,000) Infrared Heater (\$599) Solar Air Conditioner (\$1,500) Air X Wind Turbines + towers (4 for \$10,000) - 50 to 100% more power!

Depends on number of hours of constant dispensing of water, solar energy collected, power draw from the 100v power strips & Satellite usage for Internet & VOiP telephones.

Krystal Freedom Trailer

The world's 1st turnkey hydrogen system...



The Krystal Hydrogen SystemSM (KHS) uses Solar & Wind power to take your home completely "Off Grid" and produce hydrogen from water (H_2O) with the extra energy. The KHS produces enough hydrogen to power your home via fuel cell when the sun is not shining & the wind is not blowing, plus enough 'extra' H_2 to fuel up to 2 fuel efficient vehicles (<u>any</u> vehicle can be converted to run on clean hydrogen by Krystal Planet for a cost of \$6k to \$18k depending on the vehicle) or to sell to 3^{rd} parties (10 kg of renewable H_2 is worth \$500 to \$750 / month).

HER 800

Benefits:

- No more electric bill (for 30-50 years)
- No more natural gas/heating bill
- Fuel your vehicles at home with clean hydrogen made from water
- Never again worry about gasoline prices
- Clean the Air & Water
- Reduce Dependence on Foreign Energy
- Avg family saves \$350/mo on energy bills
- Avg KHS makes \$600/mo (H₂ & O₂ sales)
- Finance for ~\$950/mo; a net zero purchase



Energy costs are at record high prices & will likely continue rising. If you have some money to invest, want 'bragging rights' to be the 1st in your town with a renewable hydrogen system, and want to protect against rising energy costs for life, this system is for you. 50 KHS are available in 2005. Financing available (equity line or home refinance).

The Krystal Hydrogen SystemSM includes:

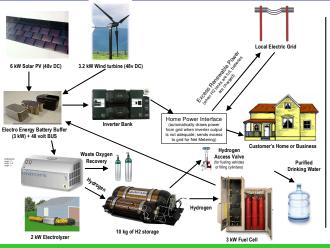
- 6 kW Solar PV array (~827 kWh) + 3.2 kW Wind Turbine (~550 kWh, or 4 more kW of solar PV if a wind turbine is not permitted)
- Hydrogen Electrolyzer (makes ~1 kg/day of H2, 2 kW input enough extra for a fuel cell and/or up to 2 vehicles)
- 3 kW Fuel Cell + 3000 psi hydrogen storage tank (10 kg capacity)
- Power Control system & inverter, Ethernet port for self-diagnostics and remote system monitoring, 3 kW battery bank, oxygen collection valve, purified water tank, H₂ extraction valve (for fueling vehicles or refilling cylinders to sell to 3rd parties), shipping, installation (up to 100 hours at \$100 per hour), 5 year warranty on complete system.
- Total system cost: \$150,000 (or ~\$950/mo via financing over 30 yrs)
- Includes installation. Annual maintenance agreement is available
- · Solar PV has a 25-yr warranty; electrolyzer has 50-yr expected life



Krystal Hydrogen SystemSM

www.krystal-planet.com Page 28

I want to learn more...



Options:

Water-from-humidity-in-the-Air machine (\$1,395); Rain Barrels for Electrolyzer water supply (\$100-500); H2 Scooter w/250 km range & 100 km top speed (\$6,000); Garage fueling appliance (\$2,000); H2 bicycles (\$1,000); H2 cars, SUVs, ATVs (\$5,000-15,000); additional solar PV or H2 storage; larger wind turbine or Fuel Cell; all available now!











SHUT UP AND HANG ON!

Fax to 913.888.0551

"Preliminary tests have shown that the acceleration of the Quantum Aggressor is far superior to an unmodified gasoline internal combustion engine-powered all-terrain vehicle, reaching 40 miles per hour twice as fast."

...please have an Energy Consultant contact me.

Name:		
Business Name (if applicable):		
Email:		Volume discount: Save\$5,000 pe
Phone #'s:		KHS on 2-4 systems; save
Fax #:		\$10,000 per KHS on 5-9
Address of prospective Installation:		systems; save \$15,000 per KHS on 10+ systems.
Referred By:	Notes:	

"Never underestimate the power of a small dedicated group of people to change the world"

(The Energy Consultant/Planet Partner who referred you)

Margaret Mead

"Become truly Energy Independent – for life – with the world's 1st turnkey Home Hydrogen System"

Troy Helming, author of The Clean Power Revolution



Krystal Hydrogen SystemSM

www.krystal-planet.com Page 29 Note: US Customers may be eligible for a \$5,000 Federal Tax Credit on the KHS for the 3 kW fuel cell & 2kW electrolyzer plus a \$2,000 + tax credit for the solar PV during calendar years 2006 & 2007. Ask for documentation.

Bio-Diesel: for 80¢ per gallon!



\$2,995 (110 volt) \$3,295 (220 volt)

Bio-Diesel Maker Plus (twice the capacity)

\$3,995 (110 or 220 volt)

Benefits of Biodiesel

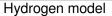
- Save Money 40 to 80¢ per gallon production cost
- Lower Pollution 50-90% fewer emissions than petro-diesel, smells like popcorn (no particulates, no sulfuric oxides)
- Renewable Resource made from living plants & used Cooking Oil
- Biodegradable safe as table salt (non-toxic)
- Self-Reliance runs ANYTHING that uses #2 diesel (can also be used for fuel oil/heating oil) for energy Independence - gets you 'off-the-pipeline'
- Fuel Flexibility blends with any % of petro-diesel
- Good Performance cetane rating equals petro-diesel, so does MPG
- Superior Lubricity engines run smoother, last longer (no sulfur)
- No Modifications needed use it just like petro-diesel. Most new engine warranties allow use of bio-diesel without risk of voiding warranty.
- Add ethanol/methanol (11 gallons) & lye (2 pounds) to make a 55 gallon batches in 24 hours
- Completely closed system (no fumes)

HER 700 HER 701

· Less than 1 hour 'Hands On" time

HER 702

Electric powered cars, scooters, and bikes





Electric model

200 km Range 100 km Top Speed **\$6,995** + shipping



Electric bikes:

~\$2,995

Available via Special Order (fax in order only)

Stetzer Filters

Plug them in to reduce dangerous EMF (electro magnetic fields), stray voltage, 'dirty sine waves' from power circuits in your home or office. Use the meter to find out how much EMF is in your house outlet by outlet!

> **HER 375 HER 376**



\$35 per Filter (sold in 8-packs) \$99 for the Meter



Page 30

Renewable Fuels & **EMF** Reduction

Hydrogen Fuel Cell

Clean, quiet, and safe Backup Power for your home or small business

Runs quietly, with instant response, using fuel made from water on site or via cylinders available from gas suppliers.

Features & Benefits



Superior performance and extended run-time (versus other commercially available fuel cells) 1 kilowatt (kW) -48 VDC nominal output (1 -50 kW available); Remote Monitoring Capability; Never requires gasoline or diesel; Rack-mounted (19" or 23" rack mountable); Modular design Optional: make Hydrogen from water at your home or business with the Krystal Hydrogen SystemSM!

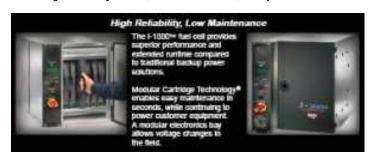
This fuel cell will provide the redundancy you expect from battery strings, along with the extended runtime you seek from generators, without the drawbacks associated with either of these technologies. The I-1000™ is quiet & generates electricity using standard industrial grade hydrogen, with heat and water as the only by-products -- ideal for any backup power application. This fuel cell is also scalable & multiple units can be grouped together to address larger loads. ReliOn's patented Modular Cartridge Technology® allows maintenance to be performed by replacing cartridges in minutes using no tools and without an interruption of power. The I-1000™ has received CE declaration of conformity for European standards as well as CSA certification. Needs a battery with 20 amp-hours per kW of fuel cells in use (included).

"200 homes sold for \$2 Million or more Jan-Apr 2005 in Palm Beach County FL alone! Imagine how many homeowners will want this fuel cell system to power their home during hurricane outages." **Tim Martin**, Real Estate Broker, Palm Beach FL

Specs

- Physical Dimensions 17.5" w x 27.13" d x 20" h (44.5cm w x 69cm d x 51cm h); Weight 146 lbs / 66 kg; Rack Mountable (19" or 23")
- Rated current 40A, 20A or 8A, depending on voltage; DC voltage range 24, 48, or 125 VDC nominal*
- Performance Rated net power Continuous 1000 Watts
- Estimated MTBF 40,000 hours; Altitude -197 ft. to 13,800 ft.
- Fuel: standard industrial grade hydrogen (99.95%); Safety Compliance UL; CE
- Supply pressure: 25-100 psig; 172-689 Kpag; 1.72-6.89 bar
- · Consumption 7.7 slpm @ 500 Watts; 15 slpm @ 1000 Watts
- H2 Storage Capacity: none; Location Indoors or installed in Outdoor Enclosure
- Operation Ambient temperature 32°-115°F (0°-46°C); Relative humidity 0-90%
- Emissions Water Max. 30mL / kWh; Noise 53 dBA @ 1 meter
- 1-year Warranty (or 1,500 hours, whichever occurs 1st)

"Hydrogen is 27 times <u>less</u> explosive than gasoline vapor and 1/9 as explosive as natural gas." **Amory Lovins**, Executive Director, Rocky Mountain Institute



1 kW: \$9,995*

or \$14,995 Installed (w/inverter + 6 tanks of H2)

2 kW: \$17,995*

or \$23,995 Installed (w/inverter + 6 tanks of H2)

HER 850

HER 851

HER 860

HER 861

* Installation not included (expect 1-6 hours). Includes deep cycle 10-year life batteries (20 amp-hours per kW). Financing available (home equity line, unsecured loan, or as part of Refinance)

Options: 6 T-cylinders of H2 (\$450 plus delivery; volume discounts available); Software remote monitoring package (\$750); Inverter (DC to 220 VAC) (\$1,500-\$2,500).

Lease/finance Payment: \$148 / Month for 1 kW Installed system; \$229 / Month for 2 kW (assumes 15-year Home Equity line, 700 credit score). Minimum credit score: 500.



YOUR HOME CAN CAUSE TWICE AS MANY GREENHOUSE GASES AS A CAR.

Discover steps you can take to reduce air pollution from your home and car at energystar.gov.



Why our bulbs are better...

WHY BUY

Compact Fluorescent bulbs (CFLs) from Krystal Planet?

Simply put, our CFLs are higher quality products at low, competitive prices:

- Most Krystal Planet CFLs are ENERGY STAR qualified products (see below)
- ENERGY STAR qualified light bulbs use twothirds less energy than standard incandescent bulbs and can last 6-10 times longer. Since the primary output of compact fluorescent light bulbs is light, they also generate significantly less heat.
- Most Krystal Planet CFLs utilize Instant Bright technology – meaning there is no delay for the bulb to reach full brightness.
- Your Krystal Planet Energy Consultant can assist you in performing an in-depth home lighting analysis so that you don't have to spend a lot of time going to the store and determining what makes one CFL better than the rest we can help you assess what is right for your needs.



In a typical home, one CFL can reduce carbon dioxide emissions by 260 pounds per year. If every American household replaced one incandescent light bulb with a CFL, it would save the same amount of energy as a large nuclear power plant produces in a year¹ or equivalent to removing 1 million cars from the road.

If every household in the U.S. replaced it's most commonly used incandescent light bulbs with compact fluorescent, household electricity use for lighting could be cut in half, saving approx. \$18.5 billion in consumer electricity expense or 5% of the Nation's electricity usage, and about 125 billion pounds of carbon dioxide emissions².

The Krystal
Light
program -12
months
including 24
bulbs - saves
\$30 or more
per month

WHY BUY ENERGY STAR?

Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency (U.S. EPA) and the U.S. Department of Energy (U.S. DOE).

ENERGY STAR qualified light bulbs use compact fluorescent technology, providing the same quality light output and warmth as incandescent bulbs, but using less energy and lasting longer.

Introducing... the Krystal Light program







23 Watts (75 watts*)

February

One Piece CFL Floodlight



16 Watts (75 watts*)

Eliminates odors!

March



23 Watts (100 watts*)

April

SpringLamp[®] CFL, 4 pack



23 Watts (75 watts*)

May

Panasonic GenIV EFA Capsules





Panasonic*

19 Watts (75 watts*)

June

SpringLamp[®] CFL, 4 pack



TCP

27 Watts (100 watts*)

July

SpringLamp[®] CFL, 4 pack



23 Watts (75 watts*)

August

Panasonic EFT Daylight Bulbs





Panasonic[®]

20 Watts (75 watts*)

September

Panasonic GenIV EFA Capsules





Panasonic[®]

23 Watts (100 watts*)

October

GE R30 Dimmable Flood



AB AB



15 Watts (60 watts*)

November

3 Way SpringLamp[®]



15/23/32 Watts (50/100/150 watts*)

December

Panasonic EFT Daylight Bulbs



Panasonic 28 Watts (100 watts*)



www.krystal-planet.com Page 35 12 months of compact fluorescent bulbs!

*incandescent equivalen

dimmable floodlight bulbs

GE Dimmable Flood lights









This dimmable indoor floodlight from General Electric may be used with most conventional incandescent wall switch dimmers.

Light Output: R 30: 720 lumens, R40: 1,300 lumens

Dimensions R30: Width 3.75 Inches, Length 5.1 inches Dimensions R40: Width 5.0 inches,

Length 5.6 inches

Rated Lifetime: 6,000 hours

Color Temperature: 2,700 degrees Kelvin

Color Rendering: 82 CRI

Start Temperature: 5 degrees Fahrenheit (-15 degrees Celsius)

Power Requirements: 120 volts AC, 60 Hz

Manufacturer Warranty: 4 years

Avg monthly savings: \$3.02*

Product	Wattage	Incandescent Comparison	Price
HER 370	15 Watts	60 Watts	\$18.50 Qty 1
HER 371	26 Watts	75 Watts	\$19.95 Qty 1



daylight decorative bulbs





GenIV EFA Capsules

These are among the most advanced, highest quality compact fluorescent bulbs available. The bulbs have outstanding lumens maintenance, quickly reaching full brightness when turned on, with amalgam technology to help maintain consistent light output over a range of operating temperatures and bulb orientations. The glass diffuser is made so it will not discolor with age. The tri-color phosphors provide slightly better color rendering than many other brands of compact fluorescents. The base is nickel plated brass, helping to prevent corrosion in the socket. Finally, the ballast is 100% FCC Class B shielded, which will prevent disruption with other nearby electronic equipment.



Product	Wattage	Incandescent Comparison	Price
HER 339	14 Watts	60 Watts	\$8.00
HER 340	19 Watts	75 Watts	\$8.50
HER 341	23 Watts	100 Watts	\$8.95

EFT "Daylight" Bulbs

These capsule-style light bulbs have a glass cover over the fluorescent tubes, making them especially appropriate for applications in which the lamp will be seen. The brightness of the 15 watt light bulb is close to that of a 40-75 watt incandescent light bulb, the 20 watt is similar to a 60-75 watt incandescent, and the 28 watt version is as bright as a 75-100 watt incandescent bulb. In addition, these bulbs can easily be converted into reflectors with Panasonic Capsule Reflector Collars, though using these bulbs in recessed cans may shorten their life.



Product	Wattage	Incandescent Comparison	Price
HER 366	28 Watts	100 Watts	\$9.50
HER 368	20 Watts	75 Watts	\$8.95
HER 367	15 Watts	60 Watts	\$7.50





*Savings over life of the bulb; See page 46 for savings assumptions

compact flourescent lights



compact fluorescent bulbs

SpringLamp® CFL, 4 pack





Avg monthly savings: \$5.56*

Lasts 10,000 hours, lead-free glass, instant start, flicker free

Product	Wattage	Incandescent Comparison	Price
HER 306	23 Watts	90 Watts	\$12.80 Qty 4
HER 307	27 Watts	100 Watts	\$16.99 Qty 4

Mini SpringLamp® CFL



13 Watt & 18 Watt models are ENERGY STAR qualified only.



Size compares to size of 60 Watt incandesce nt!

Avg monthly savings: \$4.25*

Lasts 10,000 hours, lead-free glass. instant start, flicker free

Product	Wattage	Incandescent Comparison	Price
HER 390	9 Watts	40 Watts	\$5.00 Qty 1
HER 391	13 Watts	60 Watts	\$5.00 Qty 1
HER 392	18 Watts	75 Watts	\$5.00 Qty 1

Dimmable SpringLamp®







Avg monthly savings: \$0.92*

Lasts 10,000 hours, lead-free glass, instant start, flicker free

Product	Wattage	Incandescent Comparison	Price
HER 393	9 Watts	35 Watts	\$18.00 Qty 1
HER 394	11 Watts	40 Watts	\$18.00 Qty 1
HER 395	15 Watts	60 Watts	\$18.00 Qty 1
HER 396	20 Watts	75 Watts	\$18.00 Qty 1

Avg monthly savings: \$1.63*



3 Way SpringLamp®

Power Requirements: 120 volts AC, 50/60 Hz Wattage: 11 watts, 25 watts, 32 watts Dimensions: 2.25" wide x 7.0" long Light Output: 800 / 1700 / 2200 lumens Color Temperature: 2,700 degrees Kelvin

Color Rendering: 82 CRI Rated Lifetime: 10,000 Hours Approvals: UL, CUL

Manufacturer Warranty: 24 months

Product	Wattage	Incandescent Comparison	Price
HER 309	15 / 23 / 32	50 / 100 / 150	\$15.99 Qty 1

Avg monthly savings: \$2.19*



One Piece CFL Floodlight



Power Requirements: 120 volts AC, 50/60 Hz Wattage: 11 watts, 25 watts, 32 watts Dimensions: 2.25" wide x 7.0" long Light Output: 800 / 1700 / 2200 lumens Color Temperature: 2,700 degrees Kelvin

Color Rendering: 82 CRI Rated Lifetime: 10,000 Hours Approvals: UL, CUL

Manufacturer Warranty: 24 months

14 Watt models are ENERGY STAR qualified only.

Product	Wattage	Incandescent Comparison	Price
HER 397	9 Watts	25 Watts	\$11.00 Qty 1
HER 398	14 Watts	50 Watts	\$11.00 Qty 1
HER 399	14 Watts	60 Watts	\$11.00 Qty 1
HER 308	16 Watts	75 Watts	\$11.00 Qty 1

Avg monthly savings: \$1.53*







Fresh 2 Ti bulb freshens the air!

The titanium dioxide coating on the bulb creates a photo catalytic reaction which breaks down odors into odorless compounds. Lasts 10,000 hours, lead-free glass, cleans air for 3 years, instant start, flicker free.

Product	Wattage	Incandescent Comparison	Price
HER 369	23 Watts	100 Watts	\$10.95 Qty 1
HER 450	14 Watts	60 Watts	\$10.95 Qty 1

Savings over life of the bulb; See page 46 for savings assumptio



www.krystal-planet.com Page 37 compact flourescent lights



Harmony Lightwiz® Berkeley Torchiere

The Lightwiz Berkeley torchiere from Harmony Lighting delivers superior light levels with full range dimming control. Using an innovative 58 watt E-2C fluorescent bulb (3000 degree Kelvin, 4,100 lumens, 84 CRI), rated to last 10,000 hours, the torchiere's light output at full brightness will equal that of a typical 250 watt halogen torchiere. The bowl is predominantly of etched frosted glass to combine the classic up lighting characteristic of torchieres with general illumination capabilities. Harmony Lighting's "twist-lock" connections make assembly easier than ever, saving time, headaches, and wire strain. The torchiere itself stands at 71 inches high, weighs 21 pounds (for stability), and is available in a soft gray, white, or black.

Dimensions: 15.5" wide bowl, 71" high, 1.5" wide pole

Power Requirements: 120 volts AC, 60 Hz Manufacturer Model # (black): H58110 Manufacturer Model # (white) :H58120 Manufacturer Model # (gray) :H58150



Product	Color	Price
HER 358	White	\$47.00
HER 359	Gray	\$47.00
HER 357	Black	\$47.00



Avg monthly savings: \$0.97*





NTERMATIC INCORPORATED

Intermatic Timers & Light Sensors

Intermatic Lamp Timer



HER 347 Price: \$9.50

Intermatic Screw-In

Light Sensor

Intermatic 240V

AC/Appliance Timer



HER 346 Price: \$8.00

Intermatic Outdoor **Digital Timer**



HER 353 Price: \$16.00



HER 351 Price: \$109.00

Save money by timing your lights and appliance use; and using sensors that turn on lights automatically at dawn. These products are compatible with both incandescent and compact fluorescent light bulbs, reflectors, and floods.





Velux Flexible Sun **Tunnels®**



Velux Rigid Sun **Tunnels®**

Get Natural Light with Sun Tunnels

Velux Sun Tunnels help to bring outdoor light into interior spaces, reducing the need for artificial light during daylight hours. They are especially appropriate for hallways, bathrooms, laundry rooms, and closets. This Sun Tunnel is designed to fit most shingle and shake roofs. The flexible tunnel is a double layer of metalized polyester film with a double inner layer of reinforced aluminum Sola-film and a highly reflective ultraviolet-proof laminate. The sleek metal flashing with vertical collar integrates smoothly to the roof, avoiding unsightly joints at the roofline. It consists of an exterior UV stabilized low-profile acrylic dome, a flexible tube that will span a straight run up to 72 inches long, and an interior prismatic diffuser with a dual design to reduce condensation. This Sun Tunnel has a leak-proof design with 24 gauge color bond coated steel flashing suitable for use on shingle or shake roofs. It also has white rubber gasket seals for use around the interior diffuser to minimize heat loss and condensation in the tunnel, and the trim ring will hide fasteners. The 14 inch will fit between 16 inch on center framing, and the 22 inch will fit between 24 inch on center framing.

Product	Size	Price
HER 354	14" Flexible	\$250.00
HER 355	22" Flexible	\$320.00
HER 356	10" Rigid	\$170.00

*Savings over life of the bulb; See page 46 for savings assumptions



www.krystal-planet.com Page 38

lighting & accessories

ceiling fans



Reiker Room Conditioner

The Reiker Room Conditioner revolutionizes the way you heat and cool your living space. In the winter it is a remote controlled space heater. It filters, then heats a room evenly, top to bottom. Plus it still cools like a ceiling fan all summer long. Because the Reiker ceiling fan heater is super efficient, costing only pennies to run compared to other room heating methods, you'll pay less to heat your home or office!



HER 342 Price: \$349.00



Westinghouse Savona Ceiling Fan

Running a ceiling fan on warm days will create a downward breeze that can help keep you cooler. During the winter, running a ceiling fan in reverse on will help re-circulate the heated air trapped at the ceiling, making you more comfortable. This energy efficient Westinghouse ceiling fan has a three-speed reversible motor and an integrated circular 40 watt compact fluorescent lamp that will deliver more light than two 60 watt incandescent bulbs. In addition, it is ENERGY STAR labeled, which means it is able to move 15% more air per watt than conventional ceiling fans can. The fan has a diameter of 52 inches, making it suitable for use in rooms up to 360 square feet.



HER 351 Price: \$109.00

solar lighting

BRINKMANN

HER 348 Price: \$76.95, 4 pack



Brinkmann Sierra Solar Light

Accent your front walk or garden with Brinkman's Sierra Solar Accent Light. On the top of each accent light is a photovoltaic panel that charges an internal battery when exposed to sunlight. At dusk, the light will automatically turn on. The amber LED light source technology provides longer run times than many other solar lights and enough light to mark the edge of a path or walkway. Since it generates its own power, no wiring is required, making it very easy to install. It can be mounted with either the ground stakes or on a vertical surface using the special wall bracket which is included. The housing is black plastic, so it will never rust or need re-painting.

Brinkmann Solar Security Light

950

HER 349

Price: \$74.95

Would you like a security light on your garage, garden shed, pool, or cabin but don't have easy access to electricity? This motion sensing security light may be the answer. It has a photovoltaic panel that can be mounted up to 15 feet away for placement where it will receive maximum solar exposure. The panel will convert the sunlight's energy into electricity and store it to power the two 10 watt quartz adjustable halogen lights during the evening, each of which is roughly equivalent to a 17 watt incandescent bulb. When the motion sensor is triggered, the lights will remain on for 90 seconds after motion was last detected. The motion detector covers a 130 degree area with a maximum range of 65 feet. The number of activations per night will be dependent on your geographical location, weather conditions, and seasonal daylight availability, but up to 120 "on" cycles can be stored on a full charge. This isn't the floodlight you'll want if you need to light your backyard all night, but for temporary illumination near a door or for added security in a remote location this Brinkman security light may be the perfect solution. For optimum illumination mount the main housing 6 to 8 feet above the ground, do not place the unit in a high traffic area, and aim the motion detector away from streets, busy walk areas, trees and bushes.



lighting & accessories

energy efficient appliances



Innovative practical, top-quality, mid-priced household appliances that save time, space and energy.... simplifying the way people do chores





Equator washer/dryer combo

Equator's energy saving combo washer and dryer saves energy by combining both washing and drying in one unit! It is available in two models, venting and ventless. Capacity is 11 pounds, has 8 wash programs, a spin speed of 1000 rpm, has a pre-wash function, with half-load and half-heat options. It also comes equipped with an automatic additive dispenser. Equator provides a standard manufacturers warranty of 1 year parts & labor.

Uses 115V 60 Hz 12.8 amps of electricity. Size is 33.75" x 23.25" x 21.75".



Equator washer

Equator's energy saving washer is available in two colors, white and platinum. Capacity is 11 pounds, has 8 wash programs, a spin speed of 1000 rpm, has a pre-wash function, with half-load options. It also comes equipped with an automatic additive dispenser. The pump is self cleaning, with a stainless steel tub and drum. Equator provides a standard manufacturers warranty of 1 year parts & labor.

Uses 115V 60 Hz 12.8 amps of electricity. Size is 33.75" x 23.25" x 21.75".



Equator dryer

Equator's energy saving dryer is available in two colors, white and platinum. Capacity is 22 pounds, with a moisture sensor, anti-crease feature, 4 full, 2 half and 60 min timed drying programs. Exhaust kit is 4" vented. Equator provides a standard manufacturers warranty of 1 year parts & labor.

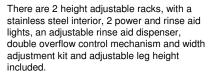
Uses 220V/60 Hz/30 amps/2500 watts of electricity. Energy factor is 2.93. Size is 33.5" x 23.4" x 20.8"





Built-in & portable dishwashers

Equator's energy saving dishwasher is available in two types, built-in and portable. Capacity is 12 place settings, with 2 spray arms, a built-in water heater, electronic controls with delay start and 7 wash programs: Intensive, Normal, Economy, Rinse Only, Glass, Rapid, Pre-Rinse.





Equator provides a standard manufacturers warranty of 1 year parts & labor. Size is $33.75^{\circ} \times 23.4^{\circ} \times 21.2^{\circ}$ for built-in model and $37.0^{\circ} \times 23.75^{\circ} \times 24.75^{\circ}$ for the portable model. Wash temperatures are $104^{\circ}/122^{\circ}/140^{\circ}/158^{\circ}$. Noise level is 50 db and the Delay Start is 30 min. to 9.5 hours at 30 minute intervals.

Product	Product	Color	Туре	Price
HER 313	Washer/Dryer Combo	White	Venting	\$969
HER 314	Washer/Dryer Combo	Platinum	Venting	\$999
HER 315	Washer/Dryer Combo	White	Ventless	\$969
HER 316	Washer/Dryer Combo	Platinum	Ventless	\$999
HER 317	Washer	White	n/a	\$819
HER 318	Washer	Platinum	n/a	\$849
HER 319	Dryer	White	n/a	\$499
HER 320	Dryer	Platinum	n/a	\$529
HER 321	Dishwasher	White	Built-In	\$549
HER 322	Dishwasher	Stainless	Built-In	\$599
HER 323	Dishwasher	White	Portable	\$449
HER 324	Dishwasher	Stainless	Portable	\$499
HER 325	Refrigerator/Freezer	White	8.0 cu ft	\$399
HER 326	Refrigerator/Freezer	White	10.0 cu ft	\$499



Energy saving appliances

energy efficient kitchen



Equator top mount refrigerators

Equator's energy saving refrigerator with freezer on the top is available in two sizes, 8 cubic feet and 10 cubic feet. This model is available only in brushed stainless steel. The refrigerators are top mount, with a sleek design and a convenient can openers in the refrigerator door.

This unit uses 110V / 60Hz of power and R134a refrigerant. Refrigerators include mechanical temperature control, an automatic defrosting cycle, a reversible door, a tempered glass cabinet shelf and freezer shelf, 2 plastic cover vegetable crispers and recessed handle design. Freezer capacity is 2.5 cubic feet.

Equator provides a standard manufacturers warranty of 1 year parts & labor.



Energy Consumption (KWh/24h) HER 325 = 1.08 HER 326 = 1.16



Danby 7.8 cubic foot Propane Refrigerator



When electrical constraints demand creative solutions, Danby's non-electric propane refrigerator may be the answer. Danby's attractive, European styling with recessed handles and reversible doors will fit any decor. Convenient, stylish and efficient, the Danby propane refrigerator operates for just pennies a day and non-electric means just that, no electronics, no control module, no electricity, just turn on the gas and start making ice! Operating features include an automatic piezo ignition system, flame-on sight glass and an automatic gas shut-off valve which make the Danby refrigerator safe, efficient and easy to use!

HER 301 **Price: \$1,049**

Size is 24" x 28.5" x 56.5"" and weighs 202 pounds. Danby's CFC-free, absorption refrigeration system is warranted for a full five years.

Also available: Danby 5.5 cubic Electric Chest Freezer HER 300 \$325

SUN FROST

QUIET--NO HUMMM

The Sun Frost RF-19 and F-19 use a quiet and highly efficient fan to help cool the condenser; on other models, the condensers are cooled passively.

EFFICIENT DEFROST SYSTEM

Defrosting a Sun Frost is a simple process. Frost build-up in the SUN FROST freezer is very slow because there is no air circulating between the freezer and refrigerator sections.

SUPERIOR STORAGE CONDITIONS

Sun Frost refrigerators keep food fresher by maintaining high humidity. This prevents freezer burn and wilting caused by water loss in food. Since there is minimal water loss in foods stored in a Sun Frost, foods often last two to three times longer than in conventional refrigerators. The SUN FROST allows you to store food in breathable containers, such as paper bags, often more than doubling storage life.

MORE ENERGY EFFICIENT

The Sun Frost refrigerator typically reduces refrigerator energy consumption by a factor of five. The SUN FROST RF-16 12 volt DC model consumes 20 KWH per month, or an average of 53 amp hours per day. By contrast, conventional refrigerators typically consume about 110 KWH per month or 305 amp hours per day.

RELIABLE

The cooling system of the SUN FROST refrigerator contains a minimal number of moving parts. Both the DC and AC compressors incorporate highly reliable, hermetically sealed, brush-less motors



Product	Color	Туре	Weight	Price
HER 302	White/customizable	19 cu. ft. Refrigerator	310	\$2,460
HER 303	White/customizable	12 cu. ft. Refrigerator/ Freezer	230	\$599
HER 304	White/customizable	19 cu. ft. Refrigerator/ Freezer	320	\$2,645



www.krystal-planet.com Page 41 Energy saving appliances

"The Clean Power Revolution" by Troy Helming

Read about
America's only
"Market Driven"
solution to our
myopic addiction
to fossil fuels: The
Freedom PlanSM

Independent Reviews



"The Clean Power Revolution is one of the most important books I have ever read in my life. Troy Helming is a true genius. When I first met Mr. Helming, it was like meeting the Thomas Edison of the 21st Century. He brilliantly exposes our energy problems in the world and then gives real world solutions to the energy crises. If you are concerned about the quality of your life in the future then The Clean Power Revolution is a must read. I am so thankful that Troy took my advice and wrote this soon to be called a classic contribution to humanity." **Jack Lannom (FL), author of People First**

"Finally a book has been written that shows the way environmental and fiscal responsibility can, and do, go hand in hand." Sky Canyon (CO), former President & Publisher, New World Library

"Mr. Helming provides not only an innovative, clean solution to an age-old problem, but an infinitely practical one as well." Jim Dallas (NY), Managing Director, Core Capital Holdings

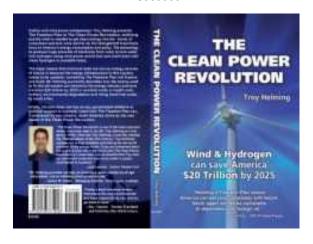
"A must read for anyone tired of paying too much at the pump... this book is based on a solid foundation that builds a plan to get America free from dependence on foreign oil." **Craig Andres (MO), TV News Producer**

"The Freedom Plan is mobilizing; even the most conservative Republicans will take action and switch to clean Green Power." **Jeff Eagle (KS), US Navy Submarine Force, Ret**

Learn about The Freedom PlanSM

- Completion in 10 years; Cost: \$2 Trillion; Saves the U.S. economy \$20 Trillion by 2025.
- 2. Completely eliminates dependence on foreign oil & dirty fossil fuels.
- 3. Provides \$6 Trillion+ of positive economic impact to America:
 - a. 8 10 Million new jobs, with 3 Million + high-wage manufacturing jobs.
 - b. Hundreds of billions of royalties paid to rural America every year where the projects are located.
 - c. Stabilizes & lowers volatile energy prices (e.g. what is the fuel cost of wind energy?)
- 4. The Freedom PlanSM is <u>Self-Funding</u> once 1 million Americans choose clean power in the form of FutureWindSM (offered by numerous organizations who have officially endorsed The Freedom PlanSM) or a similar Green Tag that supports implementation of The Freedom PlanSM (profits from that 1st phase are reinvested to fund completion).
- Does not rely on <u>any</u> government subsidies, mandates, or financial support.
 This is a Market-Driven solution to our energy crisis. Any plan that relies on government will ultimately fail, according to <u>Fortune Magazine</u> (8/11/2004 "How to Kick the Oil Habit").

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Order your copy now! \$19.95

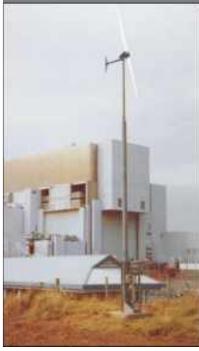
Green Power Certificates

Choose 100% Clean Power for your home without installing anything.

Did you know that the electricity used in your home causes far more pollution¹ than driving a car for 30,000 miles a year?

1 Source: EPA

Eliminate the Pollution you cause at home while supporting education!



A wind turbine like this could be installed at a school near you! (Image courtesy SWWP)

Green Power Certificates (GPC, also called Green Tags or RECs) allow you to choose clean power by paying a small premium each month to offset (eliminate) the pollution you're causing by consuming dirty power from fossil-fuel-fired plants. Some GPCs, like FutureWind, include certificates from not-yet-built clean power projects, and a portion of the sales of these certificates is donated by the seller to construction of such projects. Note: GPCs are not securities; the purchaser of a GPC has no ownership interest in the project.

Every \$30 FutureWind green power certificate you buy helps reduce greenhouse gas emissions & eliminates pollution (includes 1,000 kWh of GPCs). One year of FutureWind avoids the following (source: U.S. EPA):

- •12 tons of CO2 (leading greenhouse gas)
- •67 pounds of Sulfur Dioxide (acid rain, eye damage, asthma, lung disease)
- •55 pounds of Nitrogen Oxides (smog, asthma, heart & lung disease)
- •167 mg of **Mercury** (Autism, Alzheimer's, heart disease, birth defects)
- •Particulate matter, lead, trace uranium, cadmium, fly ash, etc.

Plus, effective January 1st 2006 Krystal Planet will make a minimum \$5 contribution* (16%) towards the installation of a wind turbine at a school in your region. This saves money for the school on electric bills), provides a hands-on clean power learning experience for the kids, and makes a long-term visible statement about your region's commitment to clean power!

Note: Krystal Planet's matching program doubles the contribution to \$10 per month per FutureWind for successful community-based sales programs (300 customers minimum).

A 'Net Zero' purchase that supports education & the planet

To make it easier for you to say YES to education & the environment, FutureWind customers get the following *every month*:

- 1. A \$10 rebate, good for a \$10 check mailed back to you with any purchase of \$60 or more from our catalog of energy saving products.
- 2. Energy savings when you redeem your rebates after product purchases! If all you did was get \$20 worth of CFL bulbs after 2 months of rebates, you could save more than \$10 per month on electricity for many years! Savings may vary, average savings = \$11/month.
- 3. A charitable tax deduction worth ~\$10-12 in tax savings, if you donate your GPC to a 501(c)(3) non profit working with Krystal Planet. Check with your tax advisor for actual value to you.

FutureWind Monthly Value:				
Rebate	\$10			
Energy Savings	\$10+			
Tax Savings	\$10+			
Monthly Value	\$30+			
Net Cost	\$0			

Enroll on Green Power Certificates today - it's the Right Thing to Do!

"43% of Americans – or 129 Million people – say they're willing to pay a little more for their power if they knew it was Clean & Renewable"

Consumer Reports, April 2005 (national survey)

Support Education & the Environment at the same time...

Enroll on FutureWind today!

More about FutureWind



Get a certificate like this each month via email (plus hard copy once per quarter) showing how much pollution you have offset.

FutureWind sales in 2004 & 2005 contributed over \$150,000 towards the construction of a utility-scale wind turbine (estimated installed cost of \$2 Million). In 2006, the program has been modified to build wind turbines at schools (each turbine has an installed cost of ~\$25,000).

More sales of FutureWind = more schools get a wind turbine! Krystal Planet's current FutureWind customers would allow Krystal Planet to install (3) wind turbines at schools in 2006. Interested schools should have an official submit an application of interest to Krystal Planet (ask your KP Energy Consultant to email you the application).

More about GPCs:

oSimilar to buying Organic Food (pay more for cleaner, toxin-free food) oSimilar to Premium Gasoline (burns cleaner, contains corn-based ethanol)

oTraded by energy companies for years, GPC's can meet Kyoto Protocol

oLearn more about Green Power Certificates at the U.S. Environmental Protection Agency website:

http://www.epa.gov/greeningepa/content/energy/pdf/greentags.pdf

Green Power Certificates Could Be Worth nearly \$1 Billion By 2010 – a National Renewable Energy Laboratory report states that the current RECs market in the U.S. is worth \$145 million per year - with a potential of \$900 million per year by 2010. RECs are quickly becoming the currency of renewable energy markets because of their flexibility and the fact that they're not subject to the geographic and physical limitations of commodity electricity. More info available at www.eere.energy.gov. © Stamats Communications 6/11/2005

Advantages of FutureWind from Krystal Planet

- 1. It can be 100% Tax Deductible as a Charitable Contribution (write 100% of it off!)
- 2. It is 100% wind. Others are not as clean (biomass incinerators, landfill gas), or existing hydro. Some even contain natural gas GPC's (e.g. www.boycottgreenmountain.com) or < 1,000 kWh of GPCs.
- 3. It's a futures GPC: used exclusively to build NEW wind turbines* (vs. support of existing wind farms).
- 4. It supports The Freedom PlanSM, a plan to convert America to 100% renewable power in 10 yrs.
- 5. It includes a customer referral program: refer 3 other FW customers to earn \$30/month!
- 6. It includes a monthly **Thank You Gift**: get a \$10 rebate valid on a \$60 product order. Use it to buy energy savings products: \$20 buys (8) CFLs that save \$10 per month (\$400 over their life)!
- 7. It is one of the only GPCs in the process of being audited & certified by a public accounting firm (the serial number of every GPC & the wind turbine construction fund are each audited).
- 8. Get \$30 to \$50 in Value every month just by purchasing FutureWind! It's the Right Thing to Do!

This is the most important product you can purchase in our entire catalog! Note: a smaller GPC, KrystalWind at \$10 per month, is also available.



Enroll on Green Power Certificates today - it's the Right Thing to Do!

GreenlineSM

A 'Green' Broadband (VoIP) Voice Service



GreenlineSM Features & Benefits

- Unlimited Long Distance Calls (US & Canada)
- · No fee for local phone service
- Keep Your Existing Phone Number
- Great International Rates
- Money-Back Guarantee
- Save ~\$50 / month!*
- Free Caller ID
- Free Call Waiting
- Free Three-way Calling
- Free Personalized Voicemail
- Free Call Forwarding
- Free Call Transfer
- Free Call Return
- Free International Call Block



You've invested in your internet access. Why not maximize that investment? There are several plans to choose from. Choose the one that fits you.

Advanced Services Available:

- Adding additional lines
- Free Area Code Selection
- Free Number Portability
- Toll Free Numbers

Support clean power & Save Money on Phone Bills

- GreenlineSM is a new voice service that can replace your existing telephone line from the phone company. All you need is an internet connection and you can get unlimited local and long distance calling, low international rates, and all those features you're paying a bundle for.
- The average household pays <u>~\$85 per month</u> on local + long distance (including taxes). *<u>Save \$50</u> per month and support clean power at the same time!
- We provide an IP analog telephone adapter that plugs directly into your Cable/DSL modem or home router-includes advanced Quality of Service (QoS) features to make sure your voice service still sounds good in times of high network traffic.
- Just plug in your telephone & cable/DSL connectors & start calling! Dial as you would normally. When people call
 you, they just dial your new GreenlineSM telephone number (or keep your current number) and your phone rings as usual.
- Get a flat rate plan with unlimited nationwide long distance handled by Greenline's network of datacenters carried over the most redundant network in the world, the Internet. Access usage, billing, and even voicemail online.
- GreenlineSM state of the art technology brings features like: take GreenlineSM adapter anywhere in the world, plug it into an internet connection & a phone to receive calls like you never left home; get virtual phone #'s using area codes in any market that GreenlineSM serves (have a presence in multiple markets instantly with a local number in distant cities).
- All incoming calls are free as well as calls to other GreenlineSM subscribers. You can easily manage your account or
 add new features online, giving you unheard of control & flexibility with your phone service.

Enroll on GreenlineSM today – it's the Right Thing to Do!



Dealers Wanted.

Show People How to Easily SAVE up to \$2,000 / year on Gasoline & Utility Bills!

Offer Innovative that sell themselves...

A Business Anyone can build:

STEP 1 – Find prospective customers. Who do you know who pays utility bills and buys gasoline or diesel that would like to save money? Who supports Clean, Renewable Power?

STEP 2 - Perform 10-minute Fast Analyzers© by phone & email (or mail) the 6-page report to each prospect. KP data shows 90% of customers buy at least 1 product, and of all buyers, roughly 1/3 to 1/2 buy the Gold Package.

STEP 3 – Ask for the order! Earn 10-40% of the retail price in commissions, paid every Monday. Earn hundreds or thousands per week with low overhead and no risk.



Why Krystal Planet?



An ancient Chinese proverb asks "When is the best time to plant a tree? 20 years ago. When is the 2nd best time? Right now."

So, when is the best time to start and energy-saving business? A year ago. The 2nd best time? Right Now!

- Low Startup Cost the most you can spend is \$1199 for Gold, or get in for as little as \$50 with Basic enrollment
- □ **Low Overhead** run your business for less than the cost of your electric bill.
- Easy to Sell how tough is it to sell products that SAVE PEOPLE MONEY?!
- ☐ Fast Profit sell just 1 Green Machine a month to be profitable. Sell just two Gold packages to be profitable for an entire year!
- ☑ **Zero Risk** if you enroll with the Gold Package, you will save more money on energy than it cost to join the business: a net zero decision. The worst that could happen is even if you *never* made a single sale, you'll save more money on energy than what you spent to join the business. Plus, our products have warranties & guaranties!
- ☐ Wholesale Prices save money on your own product purchases!
- ☐ Join a winning team! Krystal Planet already has over 1,200 Energy Consultants worldwide and is growing quickly. The timing to join our team couldn't be better!

Krystal Planet Apparel for Sale



www.krystal-planet.com Page 46

Navy Blue Long-Sleeve Oxford Shirt with KP logo embroidered on the pocket. 100% cotton, wrinkleresistant S, M, L, XL, or 2XL

\$49.95

APP20P00110



Short-Sleeve Polo Shirt with the Krystal Planet color logo embroidered on the front. 100% cotton, dry-fast, wrinkle-resistant fabric. Choose from these colors: Navy Blue (shown), Dark Green, Red, Royal Blue, Black, White, or Tan. S, M, L, XL, or 2XL

\$34.95

APP2ED10C03

Krystal Planet Order Form

Product #	Product Description	Color/S ize	Per Unit Cost	Quantity	Total
Energy Consultant Name/ID (Who sold you the products?):		Tot	al Order		

Enroll by FAX (913-888-0551), Mail (address below) or Online (www.Krystal-Planet.com).

PAYMENT INFORMATION:					
Name:		Business Name : (if applicable)			
Address:		City/State/Zip			
Phone:		Mobile/Fax/Other:			

Note: The Billing Address you have used must exactly match the address on file with your bank or financial institution.

Credit Card #:	Exp Date:	Security Code:	
VISA Manufacture Discovering Control of the Check	Month/Year		(3-Digit Code on Back of Card)
Signature:			

Required – You certify & attest that you have read, understand & agree to the Product & Service Terms & Conditions (available on www.Krystal-Planet.com or from your Eco).

Financing Options



Krystal Planet has premium financing solutions for our customers for energy efficiency purchases over \$1,000.

Krystal Planet offers a wide variety of financing options Nationwide, including mortgages, refinancing, home equity lines and unsecured loans for Krystal Planet customers.

Because we has access to thousands of financing sources, they guarantee the lowest rates for your financing needs*.

- No down payment required
- Loan amounts starting at \$1,000
- Available for Self-Employed and any credit scores over 500 (including recent bankruptcies)
- Purchases financed through a mortgage or home refinancing are tax deductible
- □ Guaranteed lowest rates*
- Fast and easy approval process**
- Product cost and installation can be financed

Financing Options:	Refinance or Mortgage	Home Equity Line	Unsecured Loan
Average Term:	30 years	15 years	5 years
Sample Amount Financed / Annual Interest rate / monthly pmt (Credit = 700*)	\$1k / 6% / \$24 \$5k / 6% / \$50 \$10k / 6% / \$78 \$25k / 6% / \$168 \$150k / 6% / \$917	\$1k / 7% / \$22 \$5k / 7% / \$58 \$10k / 7% / \$103 \$25k / 7% / \$238 \$150k / 7% / \$1362	\$1k / 9% / \$21 \$5k / 9% / \$104 \$10k / 9% / \$208 \$25k / 9% / \$519 \$150k / 9% / N/A
Sample Amount Financed / Annual Interest rate / monthly pmt (Credit = 550*)	\$1k / 11% / \$38 \$5k / 11% / \$76 \$10k / 11% / \$124 \$25k / 11% / \$267	\$1k / 12% / \$30 \$5k / 12% / \$78 \$10k / 12% / \$138 \$25k / 12% / \$318	N/A

Ask your Energy Consultant for more information!



www.krystal-planet.com Page 48 *Based on your credit history; actual terms, payments and interest rates may be higher or lower than those stated depending on the quality of your credit and payment history. Unsecured loans are only available for those with credit scores over 660.

**The length of time for processing for mortgages and home refinancing averages 10-14 days, for home equity lines, the average is 10 days and for unsecured loans, the average is 4-7 working days provided that all paperwork is submitted and the application is completely filled out.

Savings Assumptions

How did we calculate average savings?

Sources for average energy rates in the United States:

- Avg Electricity Rate and usage: "Electric Power Annual" 2003, published by EIA (Energy Information Administration), a statistical division of the DOE
- b) Avg Natural Gas Rates: "Natural Gas Annual" 2003, Energy Information Administration (EIA), Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers.", Average Price increase Adjustment from 2003 to 2005 calculated using "Selected Natural Gas Prices 2000-2005" from EIA "Natural Gas Monthly" April 2005
- c) Avg Natural Gas Usage: Energy Information Administration / Natural Gas Annual 2003, p 33
- d) Average Water rates and usage: ENERGY STAR Washer Savings Calculator, DOE 2004
- e) Average number of heating and cooling hours: ENERGY STAR Boiler Savings Calculator, EPA 2002
- f) Average US Fuel Oil Rate: EPA 2003, ENERGY STAR Furnace Savings Calculator

Sources for average monthly savings calculations shown in this catalog:

- a) Refrigerator appliance saver savings: according to reference #4 (ENERGY STAR's website), refrigerator's) uses approx. 6% of the total electricity/natural gas/fuel oil bills. Savings = 6% x the home's total electricity, natural gas & fuel oil bill x manufacturer's claim (Energy Smart) that the appliance saver can save 25 35% (we used 30% for our assumption). We used the United States average electric rate of \$.087 per Kilowatt hour. Average monthly savings = \$4.28 per month.
- b) Savings for 4 CFLs versus equivalent incandescent bulbs (EIBs): utilized the lighting savings calculator downloadable from the ENERGY STAR website. Our 27 watt CFL lasts 10,000 hours and uses approx. 59 kilowatt hours per year, priced at \$16.99 for the 4 pack. The EIBs are 100 watts, last 750 hours and uses approx. 219 kilowatt hours per year, priced at \$4.80 per 4 pack. We assumed the average # of "lights on" hours per day to be 4 hours. Take "lights on" hours x 365 days per year. ENERGY STAR also included a "maintenance cost" which is essentially the opportunity of your time going to the store to buy replacements and installing them. The EPA2004 assumption ENERGY STAR used was replacement 2 times per year for 750 hour EIBs at an opportunity "maintenance" cost of \$20 per hour @ 10 minutes. We used the United States average electric rate of \$.087 per Kilowatt hour. Average monthly savings = \$5.56 per month.
- c) Savings for low flow Earth massage showerhead: # of people in household (assumed 4) x 10 minute showers per person per day x (old showerhead @ 2.5 gallons per minute flow new showerhead @ 1.75 gallons per minute flow) x your water cost per gallon (national average per ENERGY STAR #3d above). Average monthly savings = \$3.79 per month.
- d) Savings for Energy Saver package = a + b + c: average monthly savings (+\$1/mo for rising energy costs) = \$15 per month
- e) Savings for Krystal Light program: using the same logic as (b) above and calculations from the ENERGY STAR lighting calculator from their website, we plugged in the 24 CFLs with an average lifetime of 10,000 hours and compared versus comparable EIBs with an average lifetime of 1,000 hours. The whole package annual kilowatts per hour electricity usage for our CFLs = 521 kilowatt hours and for the EIBs = 2,234 kilowatt hours. The EPA2004 assumption ENERGY STAR used was replacement 2 times per year for 750 hour EIBs at an opportunity "maintenance" cost of \$20 per hour @ 10 minutes. We used the United States average electric rate of \$.087 per Kilowatt hour and average "lights on" hours per day of 4.0 hours. Average monthly savings = \$31.00 per month for 24 bulbs. Ask your Energy Consultant to view all the details of the individual light calcs.
- f) Savings for the light sensor: assumed that the saved lighting usage = 4 hours per day (because the sensor senses when there is daylight hours or when there isn't enough light and then turns on the light fixture. 100 watt light bulb on an outdoor flood lamp. We used the United States average electric rate of \$.087 per Kilowatt hour. Average monthly savings = \$1.03 per month.
- g) Savings for the tank less, instant hot water heater: we used the average natural gas and electricity rates and usage for the US as shown above. If Fuel Oil, we used the 2004 EPA reference from the ENERGY STAR furnace savings calculator for the US National Average. This contributed to calculating the total electricity, natural gas and fuel oil bills. Per reference #4 above, 11% of these bills come from Hot Water heating for an energy efficient home, 15% for a non-energy efficient conventional home. We then calculated 60% savings from the total average hot water heating bill (as per the manufacturer's claim (Niagara Industries)). Average monthly savings = \$25.68 for 3.000 square feet and a family of four. If square footage is raised to 3,500, the average monthly savings = \$29.96.
- h) For best results and to enhance your home's comfort, Krystal Planet recommends that you install 1 additional tank less hot water heater if you have pipes that are greater than 1/2" (most homes in the US have 1/2" pipes). We recommend that you place 2 units side by side. Additionally, we recommend that you purchase 1 additional unit per 2,500 square feet and place the extra unit across the house. This way you can get hot water even faster than you currently do with your existing hot water heater across the home from where the current hot water heater is located. Even 3 Krystal Planet units cost less (at \$2 than the typical residential hot water heater.

krystal planet

packages make saving money easy!

Popular Product Packages

Package	Contains	Products Included	Value of Products in the Package	Your Cost	Estimated Energy Savings Year 1 (using 2003 energy prices)	Estimated Savings Over 5 Years*	Return on Investment (ROI) in the 1 st Year
GOLD	Tankless Hot Water Heater, (2) Green Machine Fuel Catalysts, 12-months of Krystal Light Program, Krystal Energy Saver Package, CPIP ¹ , more	Total Service	\$2,500	\$1,199	\$1,800+	\$10,000	150%
SILVER	(1) Green Machine Fuel Catalyst, Krystal Energy Saver Package, CPIP ¹ , more	Kryslat Ener	\$1,000	\$599	\$720+	\$4,000	120%
BRONZE	Krystal Energy Saver Package, CPIP ¹	Energy Saver	\$400	\$299	\$180+	\$1,000	60%
COLD WEATHER	Krystal Portable Furnace, Heated Ceiling Fan, Krystal Energy Saver Package		\$1,500	\$999	\$800+	\$8,000	80%+

[^] Includes estimated increase in energy prices over 5 years, using 2003 prices as starting point and 2005 DOE price increase assumptions.

¹ Clean Power Info Pack contains clean power educational binder, wind/solar/hydrogen training & educational information, *The Clean Power Revolution book*, audio CD, more

monthly autoships – affordable monthly shipments & services

Monthly Autoship	Contains	Services Included (or Products)	Value of Autoship	Your Cost	Estimated Savings per Month (energy savings, tax deductions, etc.)
FutureWind	1,000 kWh of Green Power Certificates	Q. Land	\$35+	\$30	\$30+
KrystalWind	400 kWh of Green Power Certificates	612 15	\$15+	\$10	\$3+
Greenline	Broadvoice (VoIP) Phone Service		\$80+	\$29.99	\$50+
Krystal Light	About 2 ENERGY STAR Lighting products (bulbs) per month	Paper Par Par Par Par Par Par Par Par Par Pa	\$30+	\$24	\$30+
CPR for Planet Earth	One copy with Free shipping of the book <i>The Clean Power</i> Revolution by Troy Helming	CLAM POPULA REVOLUTION	\$24+	\$20	na





Corporate Offices:

8527 Bluejacket St Lenexa, KS 66214 Fax 913-888-0551

Customer Service: 888.803.WIND (9463)

My Energy Consultant:

Mail to:

Questions? Please contact me at the phone or email above.

Save Energy and Money.







Contact Krystal Planet and start saving today!

www.krystal-planet.com www.krystal-planet.net