



**ENERGYCRAFT**  
S Y S T E M S

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**Down to Earth Energy Saving Solutions™**

- Lower Costs
- Increase Profits
- Add Value
- Save Energy

**Ideal for all types of buildings!**

- Schools
- Offices
- Bus Barns
- Arenas
- Gymnasiums
- Warehouses
- Indoor Skating Rinks
- Manufacturing Plants
- Agricultural Structures
- Churches
- Retail Stores
- Fire Halls
- Repair Shops
- Cold Storage Structures
- Indoor Tennis Facilities
- Aircraft Hangars
- Prison Facilities
- Wine Storage Buildings
- and many more!



Public Safety Building

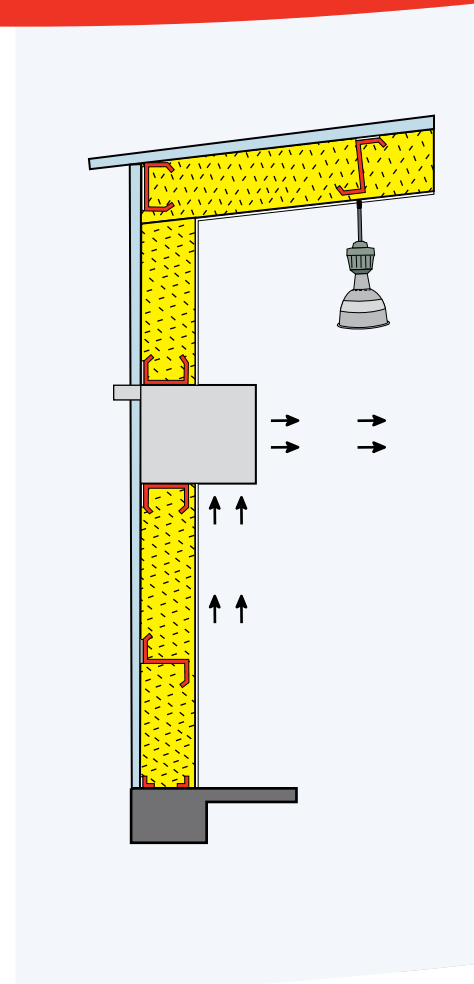
**It costs less to have the best!**

Not often in life are we given such a clear choice. It usually costs more to do things correctly with high quality products. This is not the case when the high quality Systema Premium Plus System is used. The net cost is typically less due to the significant energy savings which are gained. Most contractors and designers do not properly analyze their designs for energy costs. Their result is typically an obsolete building based upon poor evaluation and predisposed opinions. We at EnergyCraft will analyze and propose the optimum practical design that will result in the lowest net cost to own and operate the building. Typically this results in maximizing the insulation performance first and then sizing all other equipment. Many times it even costs substantially less to own the superior building. So be sure to request the detailed analysis of your proposed building from your EnergyCraft Systems Contractor. It's free! Call today! You will be glad you did.

Call: 1-800-350-0776  
E-mail: info@energycraft.com



Retail Facility



**INTEGRATED SYSTEM OF INSULATION, HVAC APPLIANCES, PLUS LIGHTING...**

**Green Statement**

Because we live on this planet, we have a responsibility to keep it clean. The earth is not ours to abuse; we'll pass it on to our children and generations thereafter. To this end, EnergyCraft Systems promotes renewable energy sources, recyclable materials, and the use of non-pollutants in all of our products wherever possible.

Contact your local EnergyCraft Systems Contractor today for a free consultation! 😊





# The Systema Premium Plus System integrates more advanced products and services.

## Enlightening Products and Services

It is unwise to design buildings for daytime use without any windows, then add energy using light fixtures to create artificial light. At EnergyCraft Systems, daylighting comes first with natural and free light.

Our designs provide added comfort and pleasant surroundings which are proven to increase productivity, improve product quality and provide employee job satisfaction.

Project design must include a value analysis of the benefits of our EnergyCrafted interior lighting designs and management systems. The net result is lower ownership costs for you.



## Wise Energy Design is EnergyCrafting

The ultimate in value and energy conservation can only be achieved by integrating the interior lighting and control systems with the Systema Insulation and EnergyCraft Heating/Cooling System. The best design includes our Thermal Line Daylighting Windows, EnergyCraft lighting fixtures, electronic control switching, and light reflective interior finishes.

## Savings Exceed Cost!

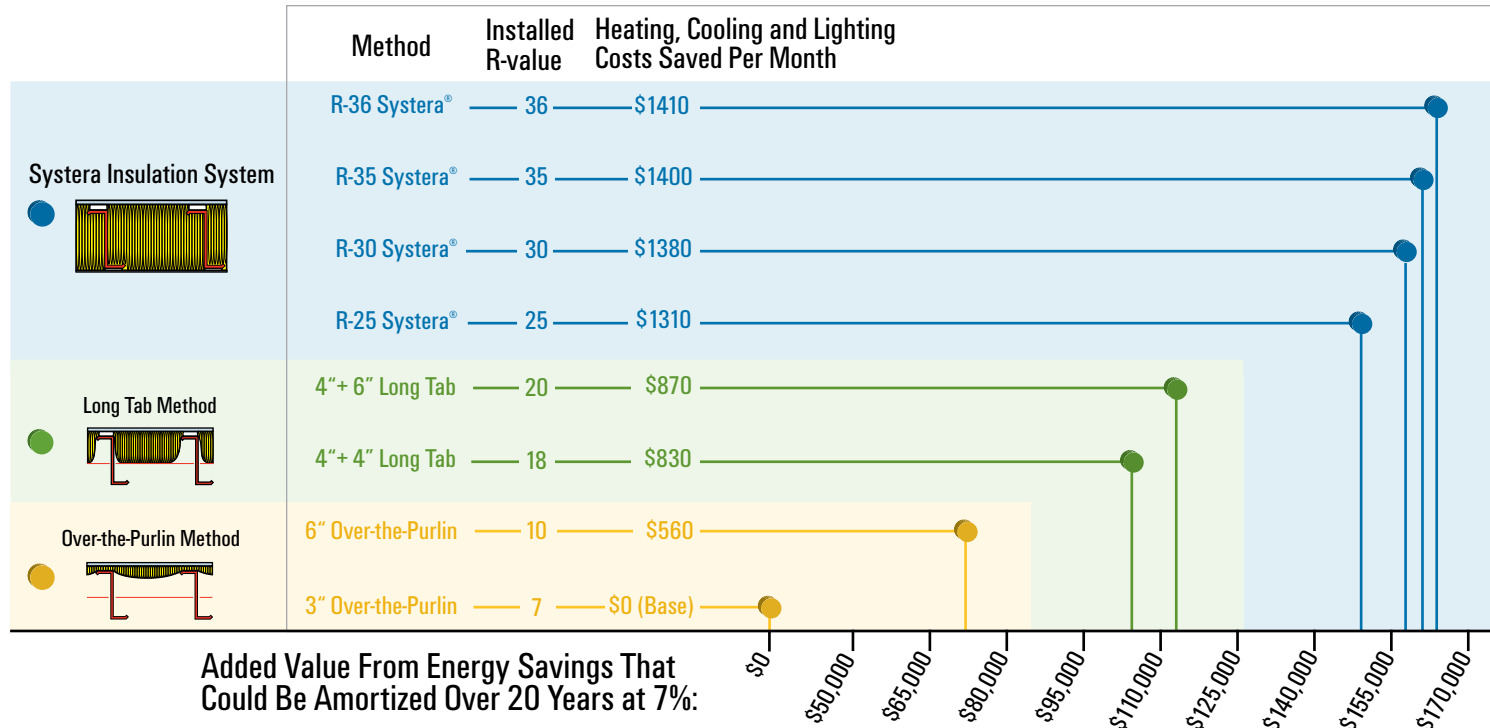
The Systema Premium Plus offers the ultimate package of analysis, products and services specifically designed for each building and use. Up to 30% reduction in lighting and electrical support equipment may be realized for most buildings. Up to 50% reduction in lighting energy costs may be realized by the EnergyCraft design and wise control of interior lighting systems.

### Systema Systems Versus the Obsolete Over-the-Purlin Method

	Systema Insulation Systems	Obsolete Over-the-Purlin Method
Building Cost	= .....\$550,000 .....	\$500,000.....
At 7% for 20 years, monthly payment to amortize	= .....\$4,264.15 .....	\$3,876.50.....
Cost of Heating and Cooling per month	= ..... \$500.00 .....	\$1,000.00.....
Cost of Lighting per month	= ..... \$350.00 .....	\$500.00.....
<b>Total monthly cost (amortization payment + heating, cooling and lighting energy costs)</b>	<b>= .....\$5,114.15.....</b>	<b>\$5,376.50.....</b>

**Conclusion: An energy efficient building costs less to own!**  
**Let EnergyCraft analyze your building plans.**  
**Call for EnergyCraft now! 1-800-350-0776**

## Save energy in heating, cooling AND lighting with Systema Systems!



Based on a 100' x 200' x 20' pre-engineered metal building; heating, cooling and lighting values. Design temperatures: Winter (70° F inside/ -20° F outside) 90° F difference; Summer (75° F inside/ 95° F outside) 20° F difference. Costs Saved Per Month is rounded to the nearest \$10 and is the amount saved compared to using the 3" Over-the-Purlin Method. Added Value is rounded to the nearest \$1,000. Systema lighting energy savings is estimated at 30%. All graphs and tables are representative examples and not guaranteed values. Call for a free analysis of your proposed or existing building.

## SYSTEMA PREMIUM INCLUDES THE FOLLOWING:

### Systema Roof and Wall Insulation Systems

### INTEGRATED WITH

### Optimally Sized HVAC System

The foundation of building energy efficiency is the top performance Systema Insulation Systems for the roof and walls. Typically 8" to 12" insulation thickness is required to fill the space. This minimizes the heat transfer and maximizes light reflectivity upon which HVAC, lighting and electrical systems are based. Insulation is inexpensive and requires no maintenance nor energy to operate.

Once the roof and wall insulation is optimized, the proper amounts of heating and cooling equipment are sized for the specified loads. This includes ceiling fans, intake louvers and exhaust fans where required for design conditions. No oversizing is normally provided other than rounding to the next whole unit size, unless the owner decides he wants extra capacity.



Completed Installation

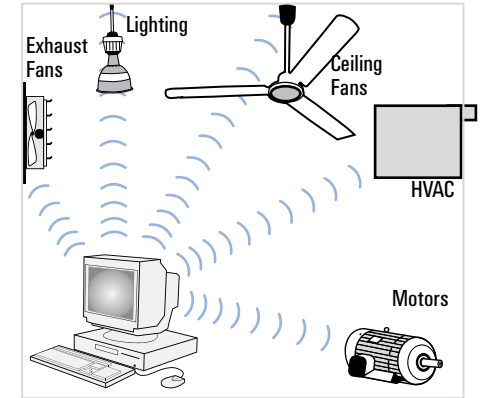


EnergyCraft Heating and Cooling Appliance

## SYSTEMA PREMIUM PLUS INCLUDES THE ABOVE, PLUS ONE OR MORE OF THE FOLLOWING:

### Lighting and Energy Control Systems

Using high efficiency bulbs and fixtures may cost a little more up front, but uses up to 50% less energy to obtain the desired light levels. Energy savings always exceed the amortized costs of the superior equipment resulting in lower ownership costs from first use. All EnergyCraft Lighting Appliances come with built in cord and plug and are ready to use. Basic lighting layouts are provided. Built in electronic controls are an available option for energy and demand cost management.



Control Systems

### Windows and Daylighting Systems

Free natural light is better than expensive artificial light. All buildings should have basic eave line windows on east and west walls to allow in natural sunlight. Skylights may also be beneficial in large buildings for center lighting.



Daylighting Windows

EnergyCraft Thermal Line Windows offer superior value and are professionally installed by your local EnergyCraft Contractor. Available in dark brown and white trim and thermo pane low-E glass.

### Cleaning and Painting of Building Components

Buildings often get dirty during construction, especially the heavy structural steel columns and rafters. Your EnergyCraft Contractor provides cleaning services to get the dirt off. Painting of the exposed structurals is also offered to give the interior the ultimate "clean room" bright white appearance. Colors may be available by special request.

### Interior Liner Paneling and Partition Systems

Many building uses require a hard surface along the lower wall areas to protect the insulation from damage. Some uses also require interior partitions for offices, storage, etc. Your EnergyCraft Contractor has a choice of interior systems to fulfill many basic needs.



Ceiling and Wall Systems