Solar powered cold rooms in Lithuania

How termodizayn solar-powered container type cold storage works?
You can store your products 24/7 regardless of the grid power anywhere you like with Termodizayn solar-powered container type cold storages. With container type cold rooms operating with solar energy,you can easily solve cold storage problems and post-harvest loss problems in perishable foods such as fruits,vegetables,meat and meat products.

What is a solar cold room?
The cold room has been specially designed and tested for the harsh conditions of tropical regions Thermal storage allows high energy discharge rates, which are required to cool down the products effectively Solar cold rooms of of 10 m³ to 40m³ are possible.

How does a solar-powered cold room work?
A heat exchanger and a control system guarantee reliable cold transfer and air distribution to the storage room. With the solar-powered Cold Room,different products can be cooled down independently of any infrastructure using only the sun's energy. INTERESTED IN THE SELFCHILL COLD ROOM?

How does a solar-powered storage room work?
The cold energy is sent to the storage room using an ultra-low power consumption pump. A heat exchanger and a control system guarantee reliable cold transfer and air distribution to the storage room. With the solar-powered Cold Room, different products can be cooled down independently of any infrastructure using only the sun's energy.

Can a cold room run with solar energy?
The Cold Room is designed to run only with solar energy. No additional power support is required It runs with R290,a natural refrigerant with an ultra-low Global Warming Potential (GWP) Fully adjustable temperature and humidity allow final users to prolong the shelf life of their products

What is a solar powered walk-in cold room?
The solar powered walk-in cold room is made of 120mm insulating cold room panels to retain cold. Energy from solar panels mounted on the roof-top of the cold room are stored in high capacity batteries,these batteries feeds an inverter which in turn feeds the refrigerating unit.

This thermal storage provides efficient cold transfer with high rates of discharge and low losses. The cold energy is sent to the storage room using an ultra-low power consumption pump. A heat exchanger and a control system guarantee ...

Our innovation, ColdHubs, is a "plug and play" modular, solar-powered walk-in cold room, for 24/7 off-grid storage and preservation of perishable foods. It adequately addresses the problem of post- harvest losses in

fruits, vegetables and other perishable food.

A solar-powered cold room is a refrigeration system designed to maintain a low temperature for storing perishable items such as food, pharmaceuticals, or other temperature-sensitive products, using energy derived from solar panels. It converts the light energy of solar photovoltaic panels into electrical energy to supply power to cold storage ...

Our cooling technology offers a wide range of applications for the rural economy, including cold rooms for horticulture and fruit cultivation, milk cooling for small- to medium-scale applications, ice blocks for fisheries, and other post-harvest processes where cooling is required.

Immerse your cold storage operations in a sustainable revolution with our Solar-Powered Cold Storage solutions. By harnessing the power of the sun, we redefine chilling efficiency with eco-friendly refrigeration.

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Our solar powered cold rooms fit into standard overseas container. Re-furbish your used containers as cold chain hubs and retail units or use our ready-made solutions already pre-installed in a standard container. - Temperature range from -5°C to +15°C - Outside temperature standard 43°C (extended version available)

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