

The problem



Reduced Products Shelf Life

- Spoilage and degradation of temperature-sensitive products
- Compromised product quality due to temperature fluctuations
- Risk of unsafe or contaminated products reaching consumers
- Difficulty in maintaining consistent cold chain during transportation

The solution



Innovative Cold Storage Practices

- Advanced cooling and refrigeration technologies
- Real-time temperature monitoring and data analysis
- Implementation of proper insulation and ventilation systems
- Integration of renewable energy sources to reduce energy costs

WHAT WE OFFER

Cooling without thermal storage

Cold rooms (0 - 15 °C) - Freezer rooms (-20 °C)
Modular Rooms

Application:
milk, dairy, meat, fish

Cooling with water / ice storage

Cold rooms (4 - 10 °C)
Modular Rooms

Application:
vegetables, fruits, cooling products

Using mainly solar energy, its innovative design ensures:

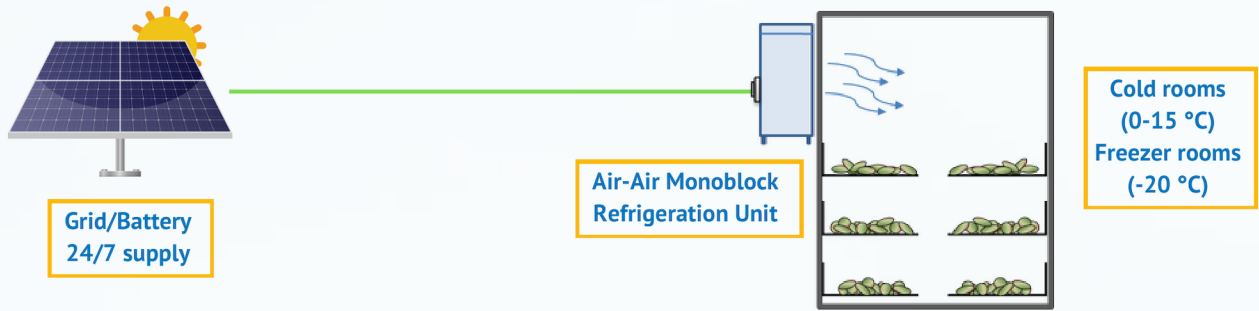
- Energy security for unreliable grids
- Reduction in electricity costs
- Precise temperature control and preventing temperature-sensitive items from spoiling or deteriorating

Featuring automated operation, low maintenance requirements, and seamless plug & play setup, this solution revolutionizes cold storage management across a variety of industries.

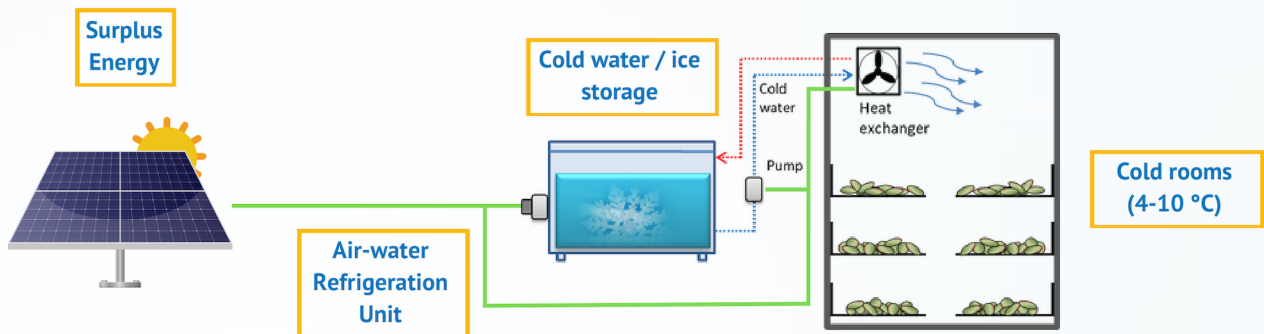
Monitor, Control, Manage, Collect

Simplify your business with our all-in-one solution for monitoring, intelligent control, customer management, and payment tracking/collection.

Cooling without thermal storage



Cooling with water / ice storage



Power by solar

The cold room is designed to run only with solar energy. No additional power support is required



Modular

Solar cold rooms of 10 m³ to 40 m³ are possible. Several SelfChill cooling units can be connected in parallel, creating a system adapted to our customer's need



Proven performances up to 50°C

The cold room has been specially designed and tested for the harsh conditions of tropical regions



Natural Refrigerant

It runs with R290, a natural refrigerant with an ultra-low Global Warming Potential (GWP)

