LONGER SHELF LIFE, BIGGER PROFITS.

ecofrost

Modular Energy Efficient Solar Cold Room

THE REVOLUTIONARY MODULAR SOLAR COLD ROOM

Convert any insulated room into a cold room.

A standalone cooling system designed to operate reliably in regions with challenge of quality power supply. It enables you to retain the quality of your perishable produce and can be used in a packhouse, mandi or at a farm gate. We also provide market linkages to customers through our in-house developed mobile and web application.

Ecofrost
Available in **Standard & Modular** variants

- Solar Powered Thermal Storage To Operate Without Power
- IOT Enabled Predictive Maintenance
- Suited To Work At Collection And Distribution Points
- Smart Phone Controlled
- Upto 30 Hours Of Batteryless Backup
- $4^{0} \sim 10^{0}$ C Temperature Range

DIFFERENT PEOPLE, DIFFERENT NEEDS.

Ways To Own Ecofrost:

- **Upfront Purchase**
- **Lease & Rental**
- **Community Model**

Available Room Storage Capacity:
2 MT- 30 MT

AI — A platform developed in-house, it conducts predictive diagnostics with the help of Artificial Intelligence and Data Science.

ICE CORE — Unique thermal energy based technology. Provides you low cost, battery-less backup of upto 30 hours.

INVERTER TECH — Inverter Technology based refrigeration system that works efficiently, even during hours of low sunlight.

CUSTOMER TESTIMONIAL

"

Ecofrost cold storage facility has benefitted our FPO income immensely. We pre-cool vegetables, fruits, and flowers in cold storage which helps us to remove the field heat from the farm produce. This increases the product's shelf-life up to 1.5 times and 30% more profit.

"

**- Mr.Manish More,
Shatayushi FPO, Pune,
Maharashtra**

ecozen

Ecozen is an energy-focused company that designs and manufactures technology-based renewable products to build a smart and sustainable future. Ecozen is innovating at the intersection of clean tech and the Internet of Things for the agriculture sector. We believe technology and innovation have the power to bring about change. Founded in 2010 by three IIT Kharagpur graduates, took the company to unicorn status in 2023, also offering differentiated tech-based agricultural supply chain solutions.

Other Products

ecotron by ecozen | SOLAR WATER PUMP SET

4G

Ecotron the Smart AI & IoT-enabled solar water pump set and pumping solutions (controllers, motors, and pumps) provide farmers with stable and efficient irrigation, especially in areas with inconsistent or no electricity supply.

Key Technologies

| Motor Controls | IoT, AI & Analytics | Thermal Energy Storage |

OUR CONTINUED IMPACT

1.9BN KWH
clean energy generated/year

2MN TONS
of GHG Emissions Saved

600K ACRES
of land area irrigated

850+
Ecofrost
(Solar Cold Rooms)

1,80,000+
Ecotron
(Solar Pump Controllers)

10
Patents
Applied

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