

Climate-friendly and energy-efficient cold stores

Reduce heat load, switch to high efficient technology options using natural refrigerants and improve operations for green cooling

Supply system with green energy

by using renewable energy systems and heat waste recovery to further reduce indirect emissions



Photovoltaic systems

Use green cooling appliance

by switching to energy-efficient chiller with low-GWP refrigerants

R744	R744	Cascade systems
R1270	R717	
R290	R600a	CO ₂
R1270	R601a	

Key facts



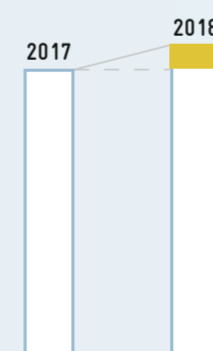
About 23% of losses of perishable food can be accounted to lack of refrigeration.

Combined energy optimization of the equipment's energy performance, its operation, and improved insulation can save 30 to 40% of energy

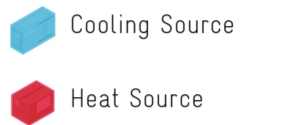
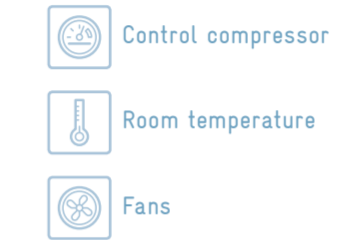
Reduction: **30 - 40%**

In emerging economies and developing countries, global cold store capacity is growing by 8.6% annually.

Capacity Growth: **8.6%**



Reduce unnecessary cooling
by optimizing cooling settings according to stored goods



Avoid refrigerant leakage
by servicing equipment by certified RAC technicians, ensuring efficient operation

Ensure professional handling
by training staff to optimize energy-efficient operation and cooling load in storage facility

Remove heat
by precooling goods before storage

Reduce heat load of building
by improving thermal insulation of walls, floor and ceiling using low-GWP foam blowing agents



Natural foam blowing agents

Reduce additional heat load
by minimizing time and frequency of open door

