

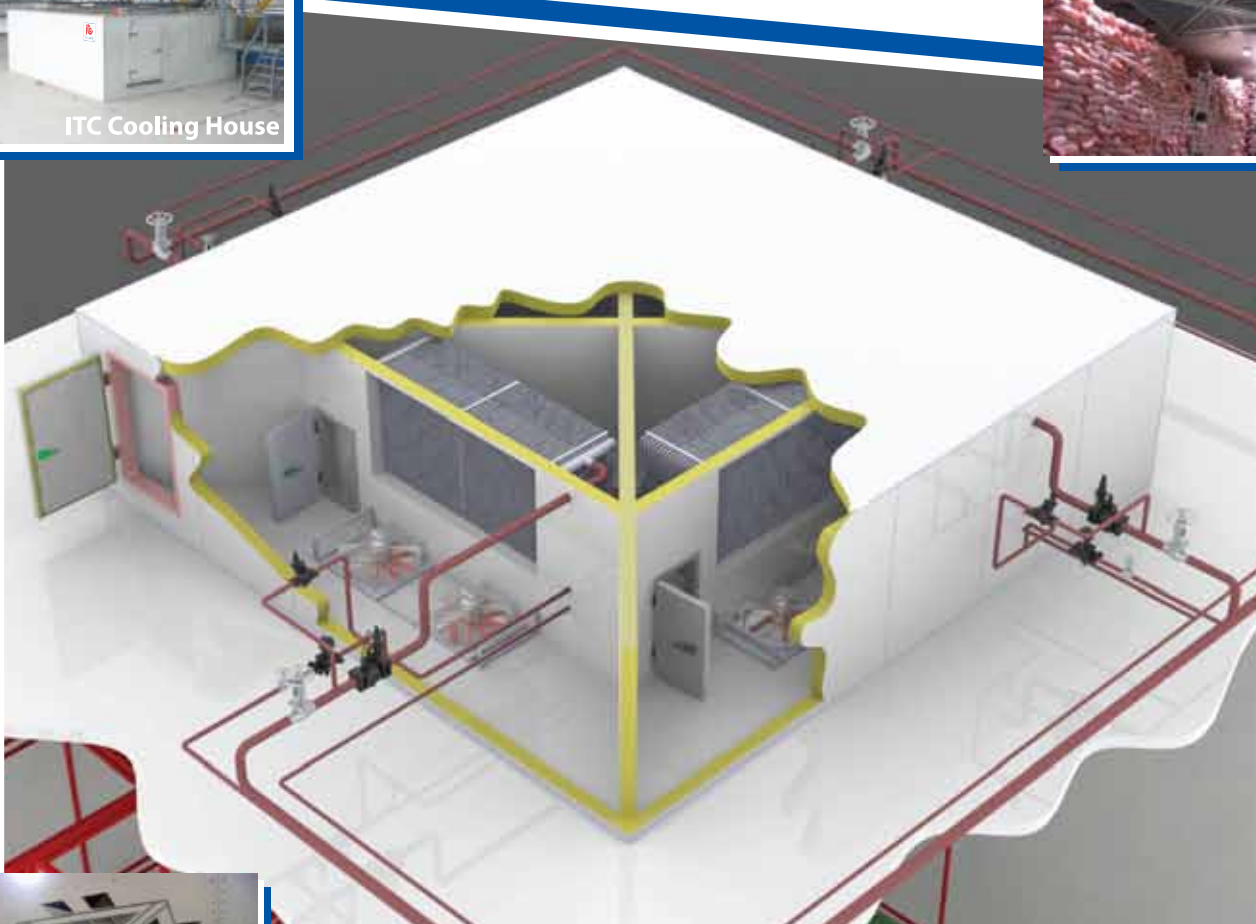
A Special Design for Cold Storage Room



ITC Cooling House



-25 °C Cold Storage Room



Four dimensional, square-like ITC's Cooling House



Two dimensional, rectangular-like ITC's Cooling House

From our very beginning, **ITC** team has developed and pursued for the best cold storage room, and now our latest result is **ITC's Cooling House**, the most magnificent cold room. That we build multi-set unit coolers, which help it prolong the effect of freezing, really makes it uniquely differ from other cold rooms. Moreover, there are various designs of **Cooling House** to be applicable to difference types of cold room.

When operating, the cold air, which moves uniformly in sequential flow, moves along the room's panel wall and contacts the pile of products. As a result, the room temperature is well kept and maintained at -25°C . Also, while some unit coolers perform a defrosting process, this air circulation still continues to retain its temperature. Hence, the products are always well preserved without any interruptions.

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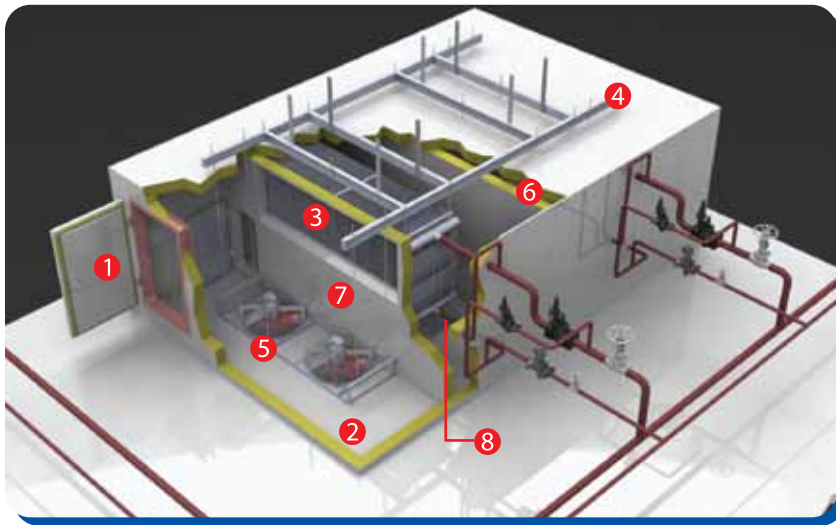
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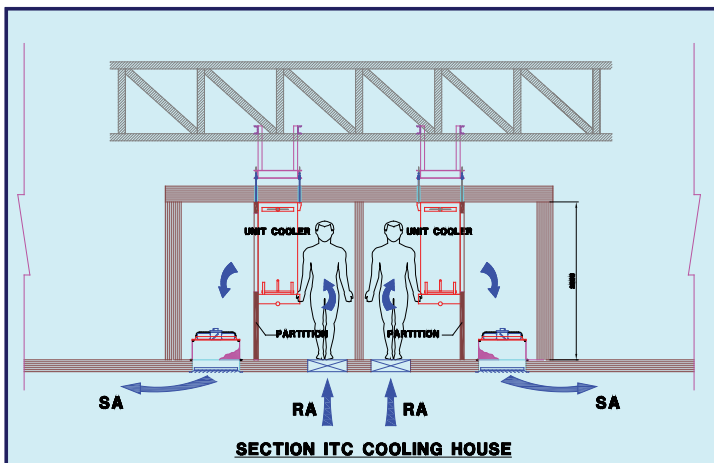
Cooling House

By **itc**



Parts of the Cooling House

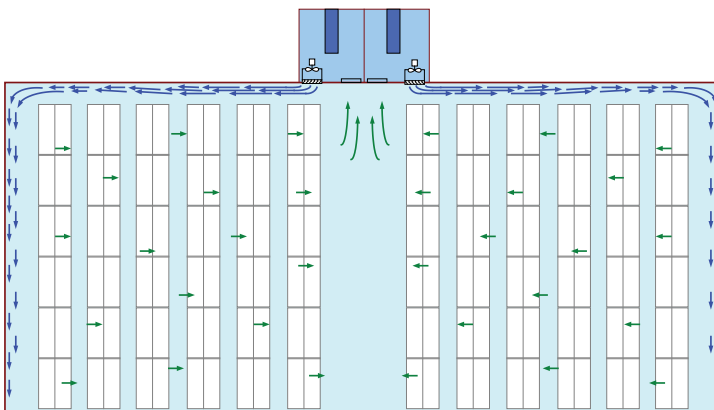
- 1 Access Door
- 2 Supply Air Chamber
- 3 Evaporator Coil
- 4 Main Thrust
- 5 Evaporator Fan
- 6 Insulated Panel Wall
- 7 Partition Wall
- 8 Return Air Chamber



Benefits of Cooling House

- Save plenty of space
- Can cool the product's core temperature down to -18°C or lower
- Extremely easy to maintenance and clean
- Room temperature can be hold at -25°C , continuously
- Unique defrosting system
- Very safe to transfer things to inside
- Contaminant free

Easy walk in and reach in concept: Staff provider may have an easy access for cleaning and servicing the cooling house since all components are placed inside ,and enough spaces are provided.



Schematic Diagram of Airflow Movement: Air indirectly diffuses out from the air supply grille to the walls of cold storage room prior to contact into the piled product.