



Insulated enclosure

The enclosure is constructed of prefabricated sandwich-type panels with SS304 external sheet. The enclosure has the doors. Three nos of good quality Insulated doors will be provided in IQF with its allied accessories.

Insulated floor

The well-insulated floor is covered with a welded stainless steel sheet with high covered edges against the insulated enclosure. The floor slopes from the middle out towards both long sides All freezer components are placed on it.

Technical Specification for IQF

Description	Specification
Capacity kg / hr	1000
Process Time	4 to 8 Minute
In-feed product temperature	15 C
Out-feed product temperature	Minus 18
Evaporation temperature	Minus 40°C
Refrigeration type	Ammonia (R 717)
Number of belts (freezing zones)	2
Belt mesh type & Material	Type :Modular, Material: POM
Fan type	Plenum fan
Number of fans- turbines	2 nos
Conveyor system	Modular
Speed adjustment	VFD
Number of doors	3
Defrosting Details	HOT GAS/
Approx In-feed height	2.6 m
Approx Discharge Height	1.7 m
Freezing time per 1000 kg	4 to 8 minute
Panel Details	
Wall / Ceiling / Floor Insulation	
Insulation Density	40 Kg/m3
Wall Insulation Thickness	150
Ceiling Insulation Thickness	150
Floor Insulation Thickness	150
Floor Finish	SS 304 sheet slope and water drainage.
Refrigeration System	
Refrigeration system	R717 Pump Overfeed System (In client's scope)

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: Manufacturing Unit :

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