

## IOT Integrated Smart Cold Chambers

Cold Chamber						
Chamber Type	Chiller (BC)			Frozen (NF)		
Application	F&V, Flowers, Pharma, Poultry, Bakery, Dairy			Frozen foods, Poultry, Central Kitchens, Ice cream		
Room Temp	+2° C to +8° C			-20° C to -10° C		
PUF Panels	60 mm thick			120 mm thick		
Volume of Room (CFT)	Heat Load (KW)	Refrigeration Model No.	Ref. Unit (No.)	Heat Load (KW)	Refrigeration Model No.	Ref. Unit (No.)
200	1.00	TC2.2-RE1PN	1	1.5	TF2.2-RE3PH	1
400	1.50		1	2.1		1
600	1.66		1	2.4		1
800	2.09		1	2.8		1
1200	2.66	TC3.2-RE3PN	1	3.3	TF3.6-RE3PH	1
1500	3.29		1	3.7		1
2000	4.44	TC4.5-RE3PN	1	4.2		2
5000	8.53		2	7.2		2

- Product incoming temperature: Chiller- +20° C, Freezer Room -15° C
- Daily loading: 10% of total storage capacity with 24 hours pull downtime
- Capacities calculated at 2° C and -20° C room temp and 38° C ambient for BC and NF refrigeration units respectively

### Key Features



Energy efficient units with  
CFC free refrigerants



Containerized and site  
assembled units



Deep application knowledge  
across product categories



IoT integrated smart  
cold rooms (TAMsys™)

### Key clients and Applications

Cold rooms are available in all variants ranging from types of panels, doors, flooring and application standards required for types of Food and Pharmaceutical products.

