ICE MAKE®
Since 1989
Trusted Cooling Partner

ICE MAKE REFRIGERATION PVT. LTD.

Commercial & Industrial Refrigeration Equipment Manufacturer & Exporter

ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007 & CRISIL CERTIFIED COMPANY

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Design: 9909424914

CT/00/10-16/1000/SP

Refrigeration
Industrial & Commercial Equipment

COMPANY PROFILE

Established in 1989, **Ice Make Refrigeration Pvt. Ltd.** has been successfully satisfying the needs of the customers since inception. It has a humble beginning trying to fulfill the requirements of refrigeration equipment, from its production to its after-sales service.

The vision to become a known leader in India of refrigeration equipment in terms of quality, price and service was clear. The three-tier policy of the company also embedded customer satisfaction with respect to product range and service network. For this, the company recruited efficient, qualified and dedicated human resource. Ice Make Refrigeration's objective is customer satisfaction and not profit. The word-of-mouth publicity of satisfied customers has helped us not only to acquire new references but also to capture a significant market share in the industry.

MISSION & VISION

Our vision is to be a leader in technology, in offering total cooling solutions with excellent product and services.

WHY ICE MAKE

We are in the business of exploring new frontiers with innovative ideas in providing complete cooling solutions for total customer satisfaction.

- Tailor made Solutions
- Excellent service with separate Customer Care Department
- Excellence in Quality
- Customer Focus
- Building Trust
- Exponential Growth

OUR COMMITMENT

We are committed to quality, integrity and excellence in all areas of business. We pledge to monitor our performance as an on-going activity and strive for continual improvement, through enhancing skills of all employees through training and motivation.

QUALITY POLICY

Ice Make Refrigeration Pvt. Ltd. is committed to provide Energy saver & Eco – Friendly High Quality Products & Services to achieve total customer satisfaction.

Total Land Area 2,72,000 Sq. Feet

CERTIFICATES

An ISO 9001 : 2008 Certified for Quality Performance

BS OHSAS 18001 : 2007 Certified for Health & Safety

AN ISO 14001 : 2004 Certified for Friendly Environment Working Atmosphere

CRISIL Certified NSIC - CRISIL SE1B for Excellence

DSIR Certificate for In-House R&D Lab

Vertical

Cold Room / Storage

- Cold Room PUF Panels (Discontinuous) Type 60, 80, 100, 125, 150 mm
- Cold Room Door
- Condensing Units (Air / Water Cooled)
- Evaporator Unit
- Control Panel
- Incubation Chambers
- Ripening Chambers
- Pre-Cooling Chambers
- Blast Freezers
- Blast Chillers

Industrial Refrigeration

- Water Chilling Plant
- Brine Chilling Plant
- Ice Building Tank (IBT)

Commercial Refrigeration

- Deep Freezer / Chest Freezer
- Vertical Freezer / Cooler
- Dairy Freezer
- Blast Freezer (Trolley)
- Bulk Milk Chiller
- Pasteurizing Tank
- Ageing Vat
- Ice Cream Hardener (Static / Tunnel Type)
- Ice Candy Production Machine
- Under Counter Refrigeration
- Mortuary Chambers

Transport Refrigeration

- Refrigerated Vehicle (GRP / GIPP)
- Refrigerated Van - Eutectic (GRP / GIPP)
- Insulated Container (GRP / GIPP)
- Bunk House

Contents


Fruits & Vegetables


Horticulture


Ice Cream


Dry Fruits


Hospitality


Bakery Products


Frozen Food

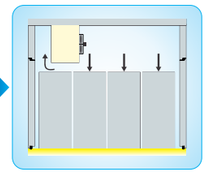

Pharmaceutical & Chemical


Source


Pre Cooling


Mobile Pre Cooling


Grading & Sorting


Blast Chilling


Display Market


Market Distribution


Storage


Blast Freezing


Packing

Technical Specification

Thickness : 60, 80, 100, 125 & 150 mm

Surface Material : GI Pre-Painted Sheet, S.S. Sheet (Grade 304/316 & Surface finish 2B & Mate), GI Plain Sheet, Plain Galvanize Iron. (Inside & Outside different metal can be placed as per your requirement)

Floor :
(A) For Kota stone or Concrete floor, Puf Slab with both side tar felt coated.
(B) For Kota stone or Concrete floor, both side metal surface panel in which each side fits with lock and prevent temperature loss.
(C) Aluminium Checkered Plate with Marine Ply.
(D) FRP Clading on floor

Door :
(A) Flush Type Swing Door with FRP Profile, Imported Hardware, Push Type Gasket & replaceable heater for easy door operation & long life Opening Size: 24"x72", 30"x72", 34"x78", 46"x84" (Door Opening WxH)
(B) Over Lap Type Swing door with frame with metal covering by using heavy duty hardware for better strength Size: 45"x84", 49"x84", 54"x84", 60"x90" (Door Opening WxH)

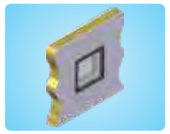
Room Size :
(A) Length & Width Minimum 1.78 mt and Bigger size 0.146 mt in multiples. As per requirement
(B) Standard Height for 60 mm thickness 2.47 mt, 80 mm-2.51 mt, 100 mm-2.55 mt, 125 mm-2.60 mt, 150 mm-2.65 mt. Single Panel Height upto 12 mt and above as per your requirement.

Accessories

Sliding Door:-
Opening Size
Width : 1000/1200/1500/1800 mm
Height : 2100 to 3000 mm
Thickness : 80 mm
Panel Surface Material : Both side GIPP or S.S as per requirement

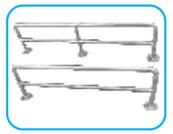
Hatch Door:-
Opening Size (WxH): 20"X20", 24"x24", 30"X30"
Different size hatch door with heavy frame for easy material movement in high turnover ice cream and dairy industries.

Pressure Ventilator:-
Tri-action pressure ventilator with/ without heater to balance pressure and vacuum inside cold room.



View Port:-
12" X12" View port with three layer argon filled toughen glass which can be visible upto -20oC inside the cold room.

Strip Curtain:-
Semi transparent PVC strip curtain for negative temperature application to prevent heat loss and ultimately the power.


Wall Gaurd

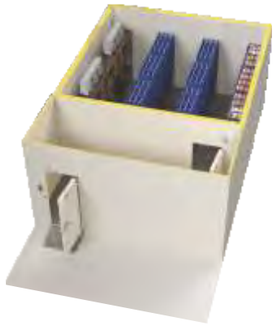

Door Accessories

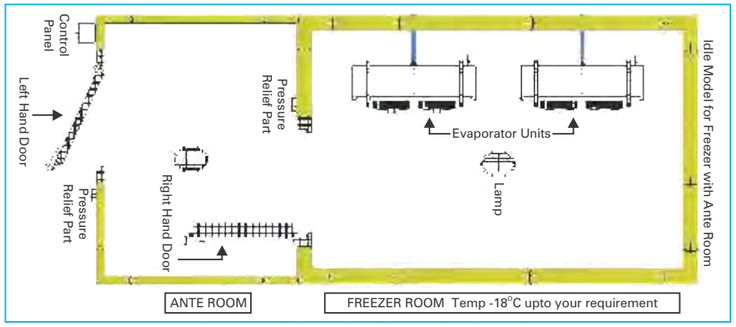

High Low Temperature Alarm


Inside Safety Alarm


Ramp with Chequered Plate

3D / PLAN VIEW OF ICE CREAM COLD ROOM

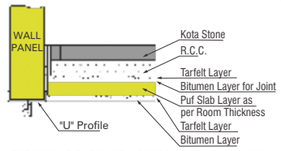




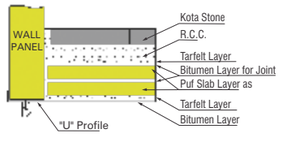
Note : For Positive temperature Ante Room is not Compulsory

Panel Construction Configuration

Types of Cold Room Floor



FOR SINGLE PUF SLAB - 60MM, 80MM & 100MM
(AS PER REQUIRED ROOM FLOOR HEIGHT)



FOR DOUBLE PUF SLAB - 150MM (60+80) & 125MM (60+60)
(AS PER REQUIRED ROOM FLOOR HEIGHT)

Vertical & Top Panel Joining Method

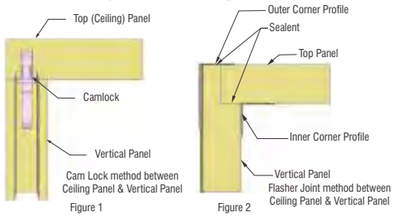


Figure 1

Figure 2

Corner–Vertical Panel Joining Method

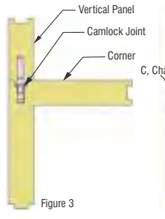


Figure 3

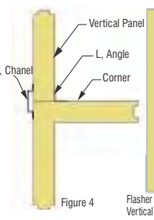


Figure 4

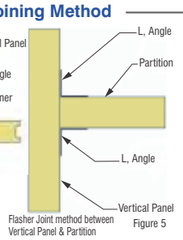
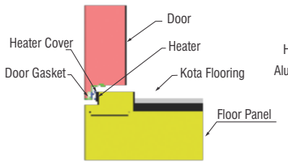
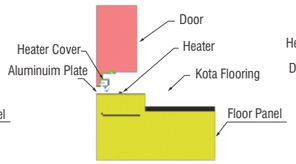
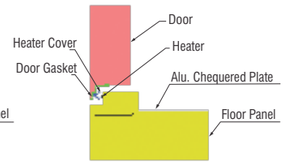


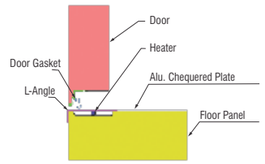
Figure 5

Door on Floor Panel Design

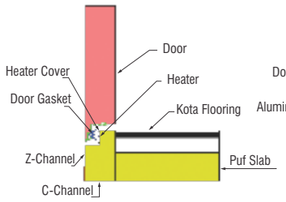


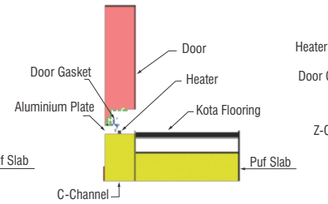


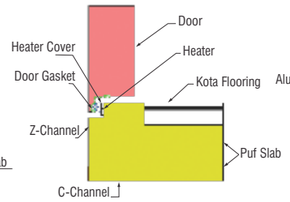


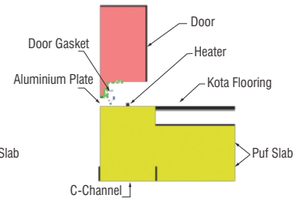


"C" & Z Channel Door Design

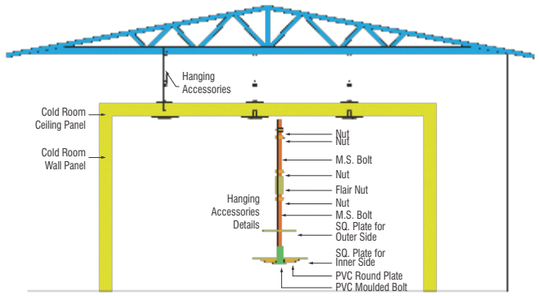




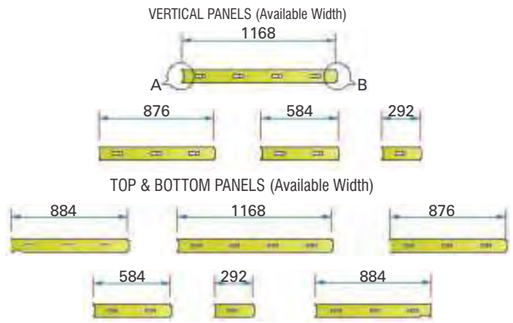




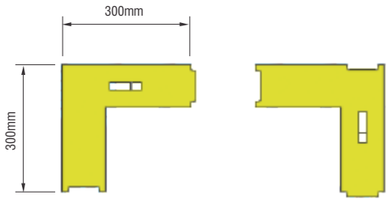
Ceiling Panel Hanging Method



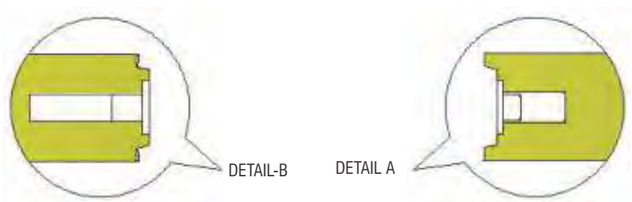
Panel Width Size



Corners



Panel Joints



ICE MAKE® Since 1989

Available Cold Room Size

Standard Length & Width (with common thickness)

Inch	Feet	Meter	Inch	Feet	Meter	Inch	Feet	Meter	Inch	Feet	Meter	Inch	Feet	Meter
41.25"	3' - 5.25"	1.05	282.75"	23' - 6.75"	7.18	524.25"	43' - 8.25"	13.32	765.75"	63' - 9.75"	19.45	1007.25"	83' - 11.25"	25.58
47"	3' - 11"	1.19	288.5"	24' - 0.5"	7.33	530"	44' - 2"	13.46	771.5"	64' - 3.5"	19.6	1013"	84' - 5"	25.73
52.75"	4' - 4.75"	1.34	294.25"	24' - 6.25"	7.47	535.75"	44' - 7.75"	13.61	777.25"	64' - 9.25"	19.74	1018.75"	84' - 10.75"	25.88
58.5"	4' - 10.5"	1.49	300"	25'	7.62	541.5"	45' - 1.5"	13.75	783"	65' - 3"	19.89	1024.5"	85' - 4.5"	26.02
64.25"	5' - 4.25"	1.63	305.75"	25' - 5.75"	7.77	547.25"	45' - 7.25"	13.9	788.75"	65' - 8.75"	20.03	1030.25"	85' - 10.25"	26.17
70"	5' - 10"	1.78	311.5"	25' - 11.5"	7.91	553"	46' - 1"	14.05	794.5"	66' - 2.5"	20.18	1036"	86' - 4"	26.31
75.75"	6' - 3.75"	1.92	317.25"	26' - 5.25"	8.06	558.75"	46' - 6.75"	14.19	800.25"	66' - 8.25"	20.33	1041.75"	86' - 9.75"	26.46
81.5"	6' - 9.5"	2.07	323"	26' - 11"	8.2	564.5"	47' - 0.5"	14.34	806"	67' - 2"	20.47	1047.5"	87' - 3.5"	26.61
87.25"	7' - 3.25"	2.22	328.75"	27' - 4.75"	8.35	570.25"	47' - 6.25"	14.48	811.75"	67' - 7.75"	20.62	1053.25"	87' - 9.25"	26.75
93"	7' - 9"	2.36	334.5"	27' - 10.5"	8.5	576"	48'	14.63	817.5"	68' - 1.5"	20.76	1059"	88' - 3"	26.9
98.75"	8' - 2.75"	2.51	340.25"	28' - 4.25"	8.64	581.75"	48' - 5.75"	14.78	823.25"	68' - 7.25"	20.91	1064.75"	88' - 8.75"	27.04
104.5"	8' - 8.5"	2.65	346"	28' - 10"	8.79	587.5"	48' - 11.5"	14.92	829"	69' - 1"	21.06	1070.5"	89' - 2.5"	27.19
110.25"	9' - 2.25"	2.8	351.75"	29' - 3.75"	8.93	593.25"	49' - 5.25"	15.07	834.75"	69' - 6.75"	21.2	1076.25"	89' - 8.25"	27.34
116"	9' - 8"	2.95	357.5"	29' - 9.5"	9.08	599"	49' - 11"	15.21	840.5"	70' - 0.5"	21.35	1082"	90' - 2"	27.48
121.75"	10' - 1.75"	3.09	363.25"	30' - 3.25"	9.23	604.75"	50' - 4.75"	15.36	846.25"	70' - 6.25"	21.49	1087.75"	90' - 7.75"	27.63
127.5"	10' - 7.5"	3.24	369"	30' - 9"	9.37	610.5"	50' - 10.5"	15.51	852"	71'	21.64	1093.5"	91' - 1.5"	27.77
133.25"	11' - 1.25"	3.38	374.75"	31' - 2.75"	9.52	616.25"	51' - 4.25"	15.65	857.75"	71' - 5.75"	21.79	1099.25"	91' - 7.25"	27.92
139"	11' - 7"	3.53	380.5"	31' - 8.5"	9.66	622"	51' - 10"	15.8	863.5"	71' - 11.5"	21.93	1105"	92' - 1"	28.07
144.75"	12' - 0.75"	3.68	386.25"	32' - 2.25"	9.81	627.75"	52' - 3.75"	15.94	869.25"	72' - 5.25"	22.08	1110.75"	92' - 6.75"	28.21
150.5"	12' - 6.5"	3.82	392"	32' - 8"	9.96	633.5"	52' - 9.5"	16.09	875"	72' - 11"	22.22	1116.5"	93' - 0.5"	28.36
156.25"	13' - 0.25"	3.97	397.75"	33' - 1.75"	10.1	639.25"	53' - 3.25"	16.24	880.75"	73' - 4.75"	22.37	1122.25"	93' - 6.25"	28.51
162"	13' - 6"	4.11	403.5"	33' - 7.5"	10.25	645"	53' - 9"	16.38	886.5"	73' - 10.5"	22.52	1128"	94'	28.65
167.75"	13' - 11.75"	4.26	409.25"	34' - 1.25"	10.39	650.75"	54' - 2.75"	16.53	892.25"	74' - 4.25"	22.66	1133.75"	94' - 5.75"	28.8
173.5"	14' - 5.5"	4.41	415"	34' - 7"	10.54	656.5"	54' - 8.5"	16.68	898"	74' - 10"	22.81	1139.5"	94' - 11.5"	28.94
179.25"	14' - 11.25"	4.55	420.75"	35' - 0.75"	10.69	662.25"	55' - 2.25"	16.82	903.75"	75' - 3.75"	22.96	1145.25"	95' - 5.25"	29.09
185"	15' - 5"	4.7	426.5"	35' - 6.5"	10.83	668"	55' - 8"	16.97	909.5"	75' - 9.5"	23.1	1151"	95' - 11"	29.24
190.75"	15' - 10.75"	4.85	432.25"	36' - 0.25"	10.98	673.75"	56' - 1.75"	17.11	915.25"	76' - 3.25"	23.25	1156.75"	96' - 4.75"	29.38
196.5"	16' - 4.5"	4.99	438"	36' - 6"	11.13	679.5"	56' - 7.5"	17.26	921"	76' - 9"	23.39	1162.5"	96' - 10.5"	29.53
202.25"	16' - 10.25"	5.14	443.75"	36' - 11.75"	11.27	685.25"	57' - 1.25"	17.41	926.75"	77' - 2.75"	23.54	1168.25"	97' - 4.25"	29.67
208"	17' - 4"	5.28	449"	37' - 5.5"	11.42	691"	57' - 7"	17.55	932.5"	77' - 8.5"	23.69	1174"	97' - 10"	29.82
213.75"	17' - 9.75"	5.43	455.25"	37' - 11.25"	11.56	696.75"	58' - 0.75"	17.7	938.25"	78' - 2.25"	23.83	1179.75"	98' - 3.75"	29.97
219.5"	18' - 3.5"	5.58	461"	38' - 5"	11.71	702.5"	58' - 6.5"	17.84	944"	78' - 8"	23.98	1185.5"	98' - 9.5"	30.11
225.25"	18' - 9.25"	5.72	466.75"	38' - 10.75"	11.86	708.25"	59' - 0.25"	17.99	949.75"	79' - 1.75"	24.12	1191.25"	99' - 3.25"	30.26
231"	19' - 3"	5.87	472.5"	39' - 4.5"	12	714"	59' - 6"	18.14	955.5"	79' - 7.5"	24.27	1197"	99' - 9"	30.4
236.75"	19' - 8.75"	6.01	478.25"	39' - 10.25"	12.15	719.75"	59' - 11.75"	18.28	961.25"	80' - 1.25"	24.42	1202.75"	100'-2.75"	30.54
242.5"	20' - 2.5"	6.16	484"	40' - 4"	12.29	725.5"	60' - 5.5"	18.43	967"	80' - 7"	24.56	1208.50"	100'-8.5"	30.69
248.25"	20' - 8.25"	6.31	489.75"	40' - 9.75"	12.44	731.25"	60' - 11.25"	18.57	972.75"	81' - 0.75"	24.71	1214.25"	101'-2.25	30.84
254"	21' - 2"	6.45	495.5"	41' - 3.5"	12.59	737"	61' - 5"	18.72	978.5"	81' - 6.5"	24.85	1220"	101'-8.0"	30.98
259.75"	21' - 7.75"	6.6	501.25"	41' - 9.25"	12.73	742.75"	61' - 10.75"	18.87	984.25"	82' - 0.25"	25	1225.75"	102'-1.75"	31.13
265.5"	22' - 1.5"	6.74	507"	42' - 3"	12.88	748.5"	62' - 4.5"	19.01	990"	82' - 6"	25.15	1231.5"	102'-7.5"	31.28
271.25"	22' - 7.25"	6.89	512.75"	42' - 8.75"	13.02	754.25"	62' - 10.25"	19.16	995.75"	82' - 11.75"	25.29	1237.25"	103'-1.25"	31.42
277"	23' - 1"	7.04	518.5"	43' - 2.5"	13.17	760"	63' - 4"	19.3	1001.5"	83' - 5.5"	25.44	1243"	103'-7"	31.57

Standard Height (with common thickness)

Height	Thickness	60					
		PUF Slab			Alu. Checkered		
	Wall Panel	Inch	Feet	Meter	Inch	Feet	Meter
St. Height-1	92.5	94.9	7'-10.9"	2.4101	97.2	8'-1.2"	2.47
St. Height-2	112	114.4	9'-6.4"	2.91	116.7	9'-8.7"	2.96
Maximum single panel	240	242.2	20'-2.4"	6.1576	244.7	20'-4.7"	6.22

Height	Thickness	80					
		PUF Slab			Alu. Checkered		
	Wall Panel	Inch	Feet	Meter	Inch	Feet	Meter
St. Height-1	92.5	95.6	7'-11.6"	2.43	98.8	8'-2.8"	2.51
St. Height-2	112	115.1	9'-7.1"	2.92	118.3	9'-10.3"	3
Maximum single panel	240	243.1	20'-3.1"	6.18	246.3	20'-6.3"	6.26

Height	Thickness	100					
		PUF Slab			Alu. Checkered		
	Wall Panel	Inch	Feet	Meter	Inch	Feet	Meter
St. Height-1	92.5	96.4	8'-0.4"	2.45	100.4	8'-4.4"	2.55
St. Height-2	112	115.9	9'.7.9"	2.94	119.9	9'-11.9"	3.05
Maximum single panel	240	243.9	20'-3.9"	6.20	247.9	20'-7.9"	6.30

Height	Thickness	125					
		PUF Slab			Alu. Checkered		
	Wall Panel	Inch	Feet	Meter	Inch	Feet	Meter
St. Height-1	92.5	97.4	8'-1.4"	2.48	102.3	8'-6.3"	2.60
St. Height-2	112	116.9	9'.8.9"	2.97	121.8	10'-1.8"	3.09
Maximum single panel	240	244.9	20'-4.9"	6.22	249.8	20'-9.8"	6.35

Height	Thickness	150					
		PUF Slab			Alu. Checkered		
	Wall Panel	Inch	Feet	Meter	Inch	Feet	Meter
St. Height-1	92.5	98.4	8'-2.4"	2.50	104.3	8'-8.3"	2.65
St. Height-2	112	117.9	9'-9.9"	2.99	123.8	10'-3.8"	3.14
Maximum single panel	240	245.9	20'-5.9"	6.25	251.8	20'-11.8"	6.40

PUF Thickness (mm)	Recommended Temp. Degree @ 32°C Ambient Temp.	Weight						Thermal Conductivity 'K' Value W/mK	Thermal Transmittance 'U' Value W/m²K	Thermal Resistance 'R' Value m²K/W	Thermal Transmittance 'U' Value K.Cal/m²K	Thermal Resistance 'R' Value m²K/K.Cal
		Wall & Celling		Floor Panel								
				Floor bare slab		Alu. Checkered Floored						
		Kg/Sq.ft	Kg/Sq.mtr	Kg/Sq.ft	Kg/Sq.mtr	Kg/Sq.ft	Kg/Sq.mtr					
60	+20 to +2	1.5	16	0.25	3	2.5	27	0.022	0.3521	2.84	0.3018	3.31
80	+2 to -8	1.6	17	0.35	4	2.6	28	0.022	0.2679	3.73	0.2296	4.36
100	-8 to -18	1.7	18	0.425	5	2.7	29	0.022	0.2163	4.62	0.1854	5.39
125	-18 to -27	1.85	20	0.525	6	2.85	31	0.022	0.1721	5.81	0.1475	6.78
150	-27 to -50	2	22	0.65	7	3	32	0.022	0.1459	6.85	0.1251	7.99

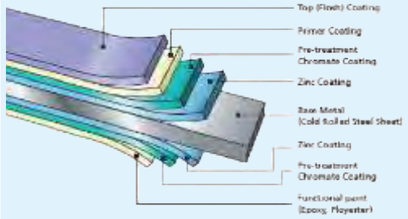
Thermal Transmittance 'U' Value

Panel Thickness	K.cal / m²K						W/m²K					
	60	80	100	125	150		60	80	100	125	150	
Temp. Difference °C												
1	0.3018	0.2296	0.1854	0.1475	0.1251		0.3521	0.2679	0.2163	0.1721	0.1459	
10	3.0174	2.2968	1.8540	1.5047	1.2510		3.5205	2.6797	2.1631	1.7556	1.4596	
15	4.5262	3.4452	2.7810	2.2572	1.8766		5.2808	4.0196	3.2446	2.6335	2.1894	
20	6.0349	4.5936	3.7080	3.0095	2.5021		7.0411	5.3595	4.3262	3.5113	2.9192	
25	7.5437	5.7419	4.6350	3.7619	3.1276		8.8014	6.6993	5.4077	4.3891	3.6491	
30	9.0524	6.8903	5.5620	4.5143	3.7531		10.5617	8.0391	6.4893	5.2670	4.3789	
35	10.5611	8.0387	6.4890	5.2667	4.3786		12.3219	9.3790	7.5708	6.1447	5.1087	
40	12.0699	9.1871	7.4159	6.0191	5.0041		14.0822	10.7189	8.6524	7.0226	5.8384	
45	13.5786	10.3356	8.3430	6.7714	5.6296		15.8424	12.0587	9.7340	7.9004	6.5682	
50	15.0873	11.4840	9.2699	7.5238	6.2551		17.6028	13.3986	10.8155	8.7782	7.2980	
55	16.5961	12.6324	10.1970	8.2762	6.8806		19.3631	14.7385	11.8971	9.6561	8.0278	
60	18.1053	13.7808	11.1239	9.0286	7.5062		21.1239	16.0784	12.9786	10.5339	8.7576	
65	19.6135	14.9292	12.0510	9.7810	8.1317		22.8836	17.4182	14.0602	11.4117	9.4874	
70	21.1223	15.8034	12.9779	10.5334	8.7572		24.6439	18.4382	15.1417	12.2896	10.2172	
80	24.1397	18.3743	14.8320	12.0382	10.0082		28.1644	21.4377	17.3048	14.0452	11.6769	

ICE MAKE® Since 1989

Technical Specifications of Puf Panels

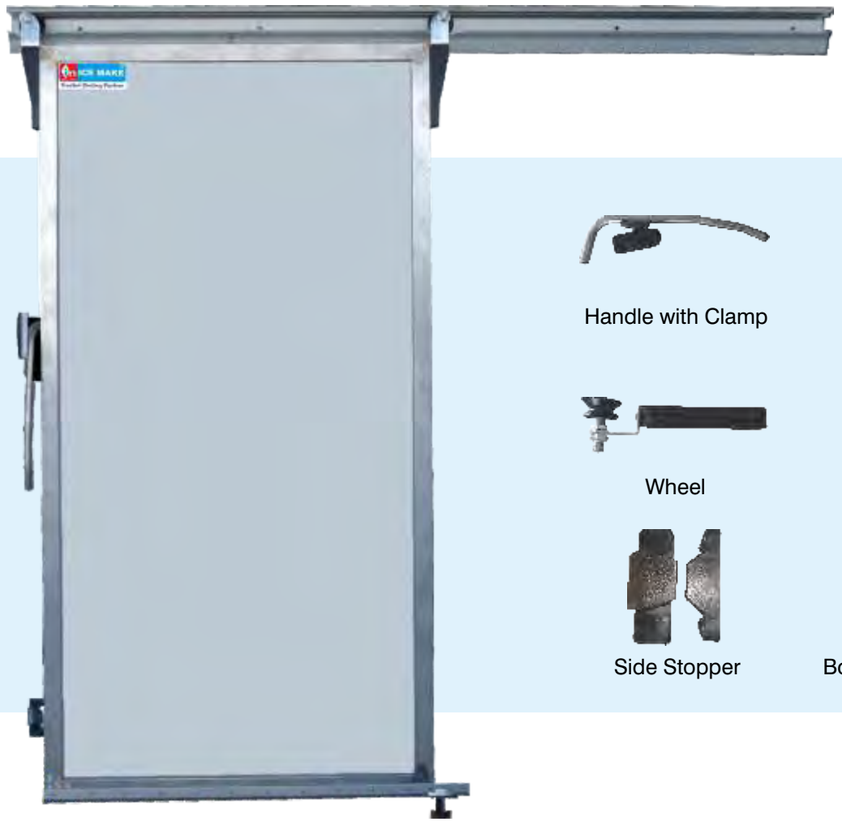
Sr.No.	PARAMETERS	DESCRIPTION
1	Average PUF Density	40 ± 2 Kg/ cu.mtr/ m^3
2	PUF Blowing Agent	141B (CFC free)
3	Insulation Material	Polyurethane foam
4	Temperature range	+90°C to -60°C
5	Penal Type	Discontinuous type with camlock
6	M.O.C. Of Cam locks	Cam locks body material HIPS and male latch is made of nylon Glass field with GI sheet reinforcement. Cam-lock panel joints easy assembly and leakage resistant, panel-to-panel joints.
7	Type of Panel joints	Tongue & Groove Joint with Cam lock and all side rubber gaskets
8	Corner Panel Available	12" x 12" x 134" (maximum Length)
9	Length of Wall & ceiling Panel	2032 mm to 6160 mm 80" to 242.5" inch
10	Ceiling Suspension items with specs	MS bolt with thermal breaking cap. 4 mm thickness X 80 x 80 mm Aluminium/MS washer plate for load distribution Anchor bolt (MS) hanging bolt with 40 mm washer 2.0 mm thickness Sealing to panel MS road Clamp with an insulated crown.
11	Closed cell content	90 to 95%
12	Vapour Permeability	5.5mg/PASM
13	Water Absorption	Less than 2%
14	Fire Grade of Polyurethane Panel	FR Grade B2 (Fire Resistant Grade)
15	Compressive Strength at 10% Deformation	0.21 N/ sq.mm (For PUF only)
16	Tensile Strength	0.58 N /sq.mm (For PUF only)
17	Adhesive Strength (Foam to Sheet)	2.9 kg /sq.mtr
18	Dimension Stability	Less than 2%
19	Panel Facing Availability	With Rib or plain on Demand (Ribs are provided for more strength)
20	Wall & Celling Panel facing Material	• Pre Painted Galvanised sheet , Thickness 0.50mm • Plain Galvanised sheet , Thickness 0.50mm • S.S. Sheet, Grade 316, 0.50mm, finish 2B, mate • S.S. Sheet, Grade 304, 0.50mm, finish 2B, mate
21	Floor Panel Facing Material	• Puf Panel with both side tarfelt sheet. • Puf Panel with both side 0.5mm GIPP sheet. • Puf Panel with outside GIPP sheet, inside 9 mm thick marine ply with 2 mm thick Aluminium Checkered Plate
22	Specification for Colour Coating	**A.** RAL No. : 9002/9003 or it's nearest **B.** Indian Standard code Colour Coating : IS 14246 Galvanizing : IS 277 Base Metal : IS 513 **C.** Organic Coating : Type RMP (Polyester) **D.** Zinc Coating : 120 GSM **E.** Top Primer (Thickness in micron 'μ') : 5 +/- 1 μ **F.** Top Coat (Thickness in micron 'μ') : 20 +/- 1 μ **G.** Back Primer (Thickness in micron 'μ') : 4 +/- 1 μ **H.** Back Coat (Thickness in micron 'μ') : 4 +/- 1 μ **I.** Guard Film (Thickness in micron 'μ') : 40 +/- 3 μ **J.** Salt Spray Test /Humidity Test : 750 hrs. /1000 hrs.



SLIDING DOOR

ICE MAKE Sliding Doors are delivered as complete units easy to mount with all fittings, sliding rail, and bottom guide roller etc. Sliding Doors are designed for tough commercial environments such as Cold Stores, Incubation Chamber, Blast Chiller.

ICE MAKE Sliding Doors are very easy to operate, greater in efficiency, better in performance. Also, in terms of safety, long service Life, and smooth in operation every day with one hand.
ICE MAKE Sliding Door sealed upper surface with resist dirt built up, very easy to clean, and very easy to close and reliably opens with advance technology.



Handle with Clamp

L Clamp

Wheel

Top Stopper

Side Stopper

Bottom Support Clamp

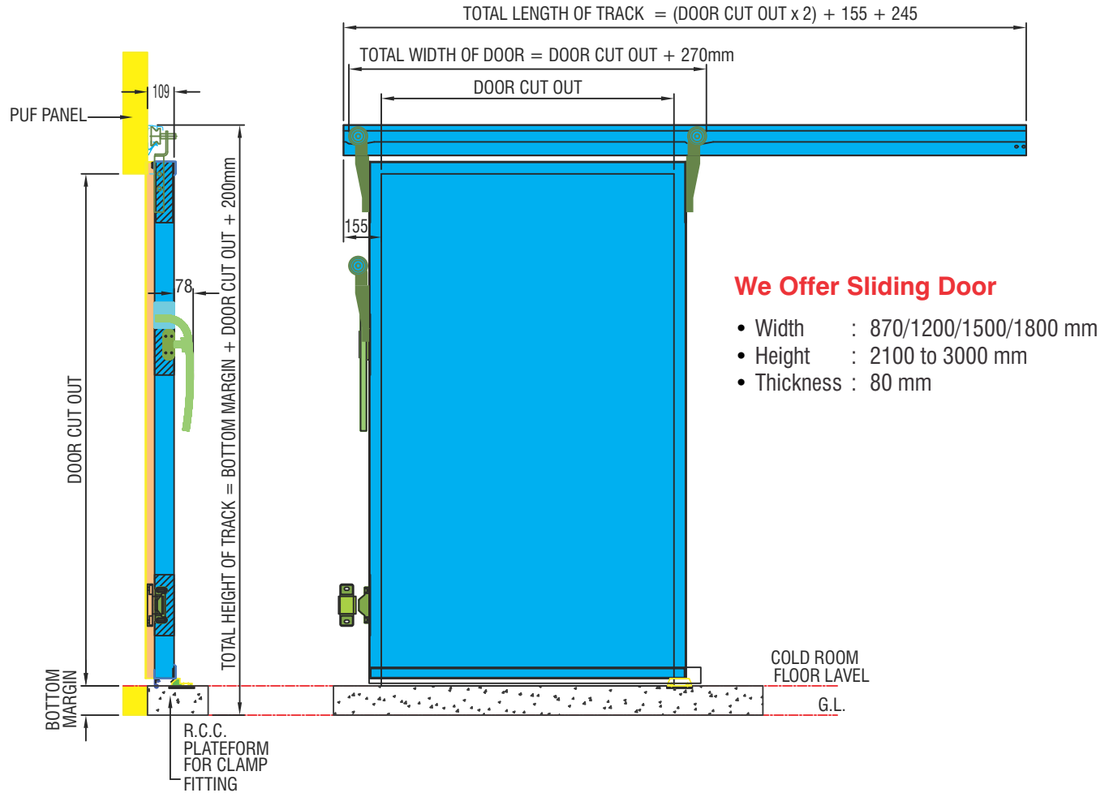
Ice Make Sliding Doors Features:

- Heavy duty imported hardware
- Formed in place door panels
- Durable and long service life, corrosion- and Wear-resistant
- Heavy duty track and wheel for durability
- Gasket to seal off air leak
- Outstanding ease of operation by manual
- High standard of hygiene and easy-to-clean surfaces
- Easy maintenance & robust in design
- S.S door frame
- Door guide to keep door on track

ICE MAKE® Since 1989

Technical Specifications

Door Panel	80 mm thick (rigid Polyurethane foam)
Door Frames	Assembly in Panel
Surface Finish	The surface finish is available in a range of RAL No. 9002/9003 or its nearest colours, with Pre-painted sheet, S.S sheet (304/316), GI Plain Sheet, Galvanium with thickness of 0.50 mm.
Insulation	Injected Polyurethane insulation with, • Thermal Conductivity 0.022 W/mK • Density 40 ± 2 kg/cu/mtr/m^3 • Tensile Strength 0.58 n/sq. mm • Vapour permeability 5.5 mg/PASM
Hardware	• Anodized Aluminum Upper Guide rail • Availability of floor (F) guide Clamp • Brackets in reinforced composite material and zinc-coated metal • Outside opening devices with lever handle • Mounting on pre-fabricated panel • Simple and quick cleaning surface • In Door Leaf with Replaceable Single Gasket



We Offer Sliding Door

- Width : 870/1200/1500/1800 mm
- Height : 2100 to 3000 mm
- Thickness : 80 mm

GLASS DOOR DISPLAY CHILLER

Suitable for super market to display Dairy Items, Cake-Pastry, Chocolates, Beverages, Fruits & Vegetables, Flower, Medicines etc.

Temperature : 2 °C to 8 °C

Special Features

- Large Storage with Better Display Area
- Customized size
- Temperature retaining
- Easy maintenance
- Energy efficient
- Easy assemble & dismantle

Available Glass Door Display Chiller Size:

Display & Storage Area				Display Area		
No. of Door	Chiller Size (L x W x H)	Volume CFT	Connected Power	Chiller Size (L x W x H)	Volume CFT	Connected Power
2	65.5" x 93" x 99"	269	1 / 3 Ph, 1.68 Kw	65.5" x 47" x 99"	126	1 / 3 Ph, 1.58 Kw
3	98.75" x 93" x 99"	429	1 / 3 Ph, 1.68 Kw	98.75" x 47" x 99"	201	1 / 3 Ph, 1.68 Kw
4	127.5" x 93" x 99"	563	1 / 3 Ph, 2.17 Kw	127.5" x 47" x 99"	264	1 / 3 Ph, 1.68 Kw
5	156.25" x 93" x 99"	696	3 Ph, 3.26 Kw	156.25" x 58.5" x 99"	419	1 / 3 Ph, 2.17 Kw
6	185" x 93" x 99"	829	3 Ph, 3.26 Kw	185" x 58.5" x 99"	499	1 / 3 Ph, 2.17 Kw

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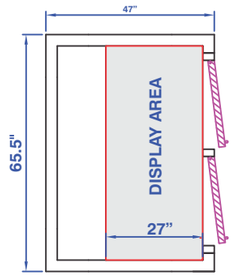
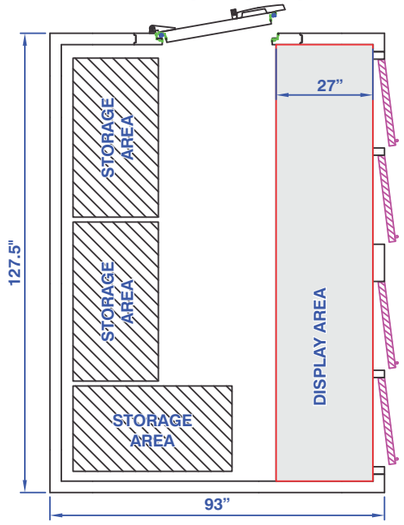
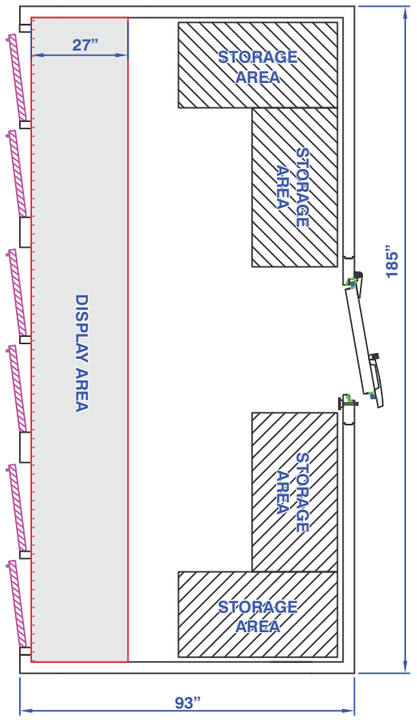
2-GLASS DOOR



4-GLASS DOOR



6-GLASS DOOR



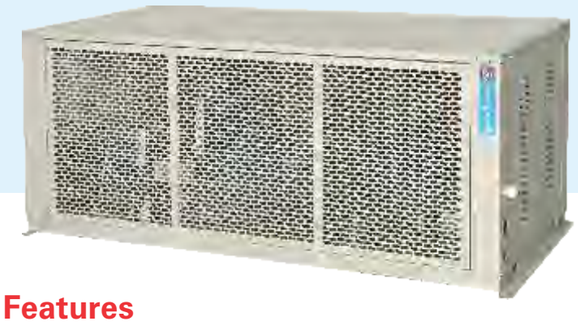
Technical Specification

- Glass door opening size: 711mm x 1956mm
- Customized glass doors (hinged type) with magnetic door gasket for air tight seal
- Floor Insulation: Aluminium Checkered plate
- Digital temperature controller with digital display
- Insulated perimeter frames designed with forward facing for easier servicing and maintenance from front of the door
- Energy efficient frame that reduce energy to the frame by 30% with added insulation resulting in the same
- Double layer vaccumized tempered glass for moisture.
- Adjustable shelving system for specific arrangement of products.
- Provision for special demands such as glass doors, special floor, silent condensing unit, shelving system, etc.
- Long durable and perfect construction with balanced refrigeration system

Condensing Unit

Air cooled & Water cooled

Slim Type



Screw Type Condensing Unit

Features

- High cooling with low power consumption
- Designed for high ambient condition up to 55°c
- Condensing coil with inner grooved copper tubes & aluminum fins
- Efficient fans with external motors for single phase and three phase
- High & low pressure cut-out including mounting brackets, wired to terminal strip
- Large size filter drier, moisture indicator, solenoid valve, oil separator and accumulator
- Shell & tube type condenser with high cooling and capacity for high ambient conditions

Rack System - An Advance Refrigeration Technology :

- It's advance power saving system compare to normal refrigeration system
- Rack system will work as per product load variation

Water Cooled

Air Cooled

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Evaporator Unit

FEATURES

- **Fan** - High reliability, lower temperature resistance and low noise external rotor fans.
- **Coil** - High efficiency heat exchange with in line tube system for minimum loss of air flow between fans and large surface area for better cooling.
- **Defrost** - Use electrical heating stainless steel pipe, high leak proofness at the and anti-electrical leakage and long life.
- **Unit Body** - Aluminium, PU type Powder Coated, Corrosion resistant and nice appearance body.
- **Maintenance** - Compact, adjustable & easy open able side panels for easy installation.

Control Panel

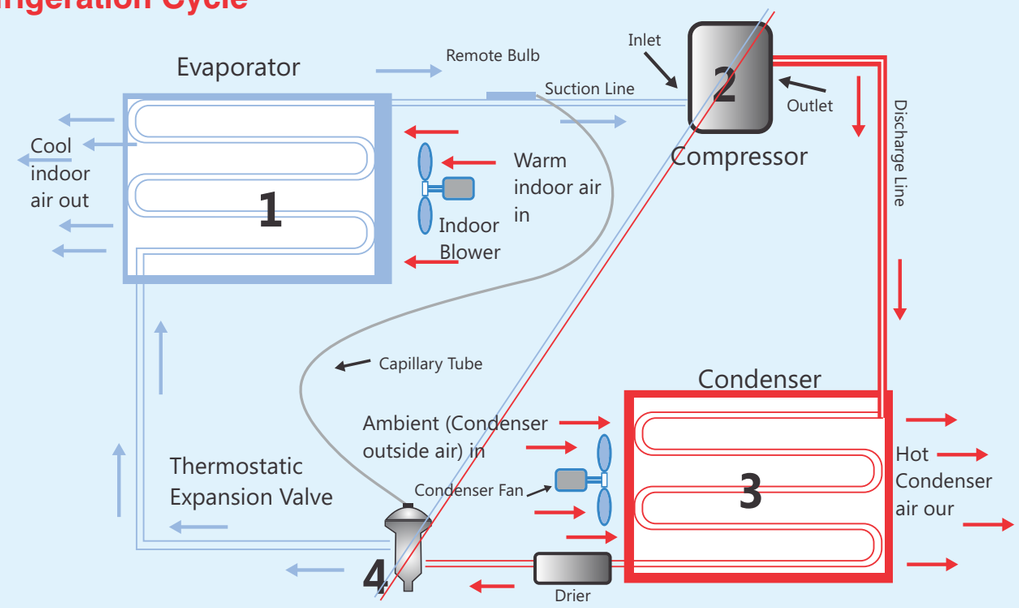
Features

- Temperature Controls
- Phase Preventing
- HP-LP
- Over current protection
- Auto Defrost
- Delay timer

Features

- Phase Preventing
- HP/LP
- Over/Under current protection
- High-Low temperature alarm
- Quick freezing option
- Door alarm
- All type of trip alarm & Record date
- Available in Air & Water cooled system

Refrigeration Cycle



Model Code Logic

IC H 8

- 8 → Capacity BTU / Hr.
- H → Temperature
  HH- High Temperature with humidity (2°C to 18°C)
  L- Low Temperature (-18°C to -28°C), M-Medium Temperature (-2°C to -8°C),
  H-High Temperature (2°C to 18°C), LL- Ultra Low Temperature (-30°C to -40°C)
- IC → ICEMAKE

REFRIGERATION TECHNICAL DATA

Sr. No	Model	Cold Room Volume		Suggested Cooling Capacity					Connected Load	Power Supply	Condensor		Refrigerant		Compressor Type		
		CFT	CMT	Watts	H.P.	Kcal	BTU	TR			Air Cooled	Water Cooled	R-404	R-22	Reci procating	Scroll	Semi Sealed
FOR HIGH TEMPERATURE @ 2°C TO 8°C																	
1	ICH-8	300	8	2198	2.95	1890	7500	0.62	1.8	1 PH	Yes	No	No	Yes	Yes	No	No
2	ICH-12	500	14	3443	4.62	2961	11748	0.98	2.6/1.93	1/3 PH	Yes	Optional	Yes	Yes	Yes	No	YES
3	ICH-17	650	18	4899	6.57	4213	16715	1.39	3.1/2.63	1/3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
4	ICH-20	900	25	5634	7.55	4845	19223	1.60	3.08	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
5	ICH-23	1100	31	7630	10.23	6562	26034	2.17	4.03	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
6	ICH-40	1900	54	12146	16.28	10446	41442	3.45	6.11	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
7	ICH-53	2400	68	15776	21.15	13567	53828	4.48	7.9	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
8	ICH-71	3200	91	20357	27.29	17507	69458	5.78	10.14	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
9	ICH-85	4000	113	25420	34.08	21861	86733	7.22	12.51	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
10	ICH-100	5200	147	29886	40.06	25702	101971	8.49	14.89	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
11	ICH-145	7000	198	42391	56.82	36456	144638	12.04	21.91	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
12	ICH-175	9000	255	51390	68.89	44195	175343	14.60	25.61	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
13	ICH-210	11000	311	62586	83.90	53824	213543	17.78	32.86	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
FOR MEDIUM TEMPERATURE @ -2°C TO -8°C																	
14	ICM-4	250	7	1250	1.68	1075	4265	0.36	1.31	1 PH	Yes	No	No	Yes	Yes	No	No
15	ICM-9	450	13	2751	3.69	2366	9386	0.78	2.4/1.8	1/3 PH	Yes	Optional	Yes	Yes	Yes	No	YES
16	ICM-12	600	17	3813	5.11	3279	13010	1.08	2.8/2.51	1/3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
17	ICM-15	800	23	4620	6.19	3973	15763	1.31	3	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
18	ICM-17	1000	28	4778	6.40	4109	16303	1.36	3.92	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
19	ICM-28	1700	48	7875	10.56	6773	26870	2.24	4.88	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
20	ICM-40	2200	62	11722	15.71	10081	39995	3.33	7.48	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
21	ICM-53	2900	82	15739	21.10	13536	53701	4.47	9.79	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
22	ICM-65	3750	106	20153	27.01	17332	68762	5.73	11.83	3 PH	Yes	Optional	Yes	Yes	Yes	Yes	YES
23	ICM-80	4700	133	23950	32.10	20597	81717	6.80	14.24	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
24	ICM-112	6400	181	33530	44.95	28836	114404	9.53	21.16	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
25	ICM-135	8100	229	39750	53.28	34185	135627	11.29	24.55	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES
26	ICM-210	9000	255	46600	62.47	40076	158999	13.24	31.68	3 PH	Yes	Optional	Yes	Yes	No	Yes	YES

ICE MAKE® Since 1989

Sr. No	Model	Cold Room Volume		Suggested Cooling Capacity					Connected Load	Power Supply	Condensor		Refrigerant		Compressor Type		
		CFT	CMT	Watts	H.P.	Kcal	BTU	TR			Air Cooled	Water Cooled	R-404	R-22	Reci procating	Scroll	Semi Sealed
FOR LOW TEMPERATURE @ -18°C TO -28°C																	
27	ICL-3	300	8	550	0.74	473	1877	0.16	2.5	1 PH	Yes	No	Yes	No	Yes	No	No
28	ICL-4	350	10	1145	1.53	985	3907	0.33	1.98	3 PH	Yes	No	Yes	No	Yes	YES	No
29	ICL-6	550	16	1788	2.40	1538	6101	0.51	3	3 PH	Yes	Yes	Yes	No	Yes	YES	Yes
30	ICL-9	850	24	2743	3.68	2359	9359	0.78	4.1	3 PH	Yes	Yes	Yes	No	Yes	YES	Yes
31	ICL-13	1200	34	3328	4.46	2862	11355	0.95	5.4	3 PH	Yes	Yes	Yes	No	Yes	YES	Yes
32	ICL-18	1700	48	4743	6.36	4079	16183	1.35	6.9	3 PH	Yes	Yes	Yes	No	Yes	YES	Yes
33	ICL-26	2500	71	7960	10.67	6846	27160	2.26	8.6	3 PH	Yes	Yes	Yes	No	Yes	YES	Yes
34	ICL-38	3400	96	11355	15.22	9765	38743	3.23	10.6	3 PH	Yes	Yes	Yes	No	No	YES	Yes
35	ICL-42	3800	107	10870	14.57	9348	37088	3.09	11.5	3 PH	Yes	Yes	Yes	No	No	YES	Yes
36	ICL-45	4000	113	12745	17.08	10961	43486	3.62	13.5	3 PH	Yes	Yes	Yes	No	No	No	Yes
37	ICL-50	5000	141	15390	20.63	13235	52511	4.37	15.18	3 PH	Yes	Yes	Yes	No	No	No	Yes
38	ICL-65	6500	184	18690	25.05	16073	63770	5.31	20.29	3 PH	Yes	Yes	Yes	No	No	No	Yes
30	ICL-80	8000	226	21875	29.32	18813	74638	6.21	23.65	3 PH	Yes	Yes	Yes	No	No	No	Yes
40	ICL-105	10500	297	27810	37.28	23917	94888	7.90	32.4	3 PH	Yes	Yes	Yes	No	No	No	Yes
FOR HIGH TEMPERATURE @ 2°C TO 18°C WITH HUMIDITY FOR RIPENING / PRE - COOLING																	
41	ICHH-12	1200	34	5107	6.85	4392	17425	1.45	2.03	1/3 PH	Yes	No	Yes	Yes	Yes	Yes	YES
42	ICHH-17	1500	42	5033	6.75	4328	17173	1.43	2.53	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
43	ICHH-20	1700	48	8125	10.89	6988	27723	2.31	3.27	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
44	ICHH-23	2200	62	10930	14.65	9400	37293	3.11	4.02	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
45	ICHH-40	3500	99	17648	23.66	15177	60215	5.01	6.15	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
46	ICHH-53	4500	127	22869	30.66	19667	78029	6.50	8.13	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
47	ICHH-71	7000	198	29769	39.90	25601	101572	8.46	10.45	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
48	ICHH-85	8000	226	38056	51.01	32728	129847	10.81	12.97	3 PH	Yes	Yes	Yes	Yes	Yes	Yes	YES
FOR ULTRA LOW TEMPERATURE -30°C TO -40°C																	
49	ICLL-17	as per heat load		5100	6.84	4386	17401	1.45	5.82	3 PH	Yes	Yes	Yes	No	semi sealed two stage		Yes
50	ICLL-24			7673	10.29	6599	26180	2.18	7.63	3 PH	Yes	Yes	Yes	No			Yes
51	ICLL-39			12025	16.12	10342	41029	3.42	12.26	3 PH	Yes	Yes	Yes	No			Yes
52	ICLL-55			16185	21.70	13919	55223	4.60	15.57	3 PH	Yes	Yes	Yes	No			Yes
53	ICLL-64			19215	25.76	16525	65562	5.46	18.43	3 PH	Yes	Yes	Yes	No			Yes
54	ICLL-72			22315	29.91	19191	76139	6.34	21.05	3 PH	Yes	Yes	Yes	No			Yes
55	ICLL-86			27135	36.37	23336	92585	7.71	25.5	3 PH	Yes	Yes	Yes	No			Yes

* Connected load will be different in different compressor

A4005-301H, A4007-301H
A7009-301A, A7012-301A

A4012-302H, A7021-302A

A4018-303H, A7032-303A

A4024-353H, A4034-353H
A7043-353A, A7060-353A

A4039-452H, A7062-452A

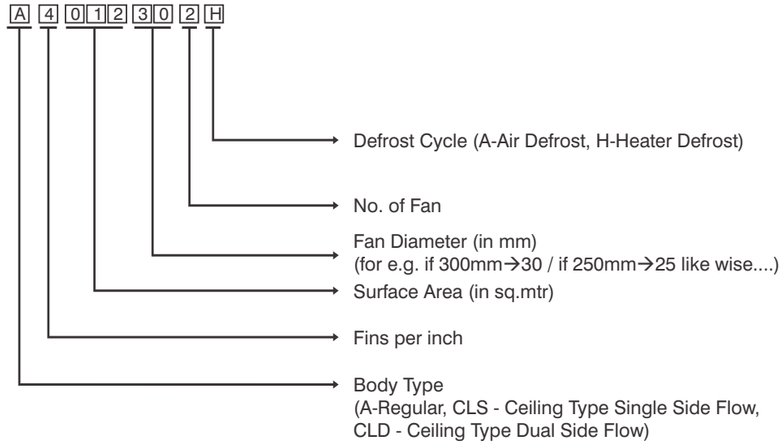
A4058-453H, A7090-453A

CLS709-252A

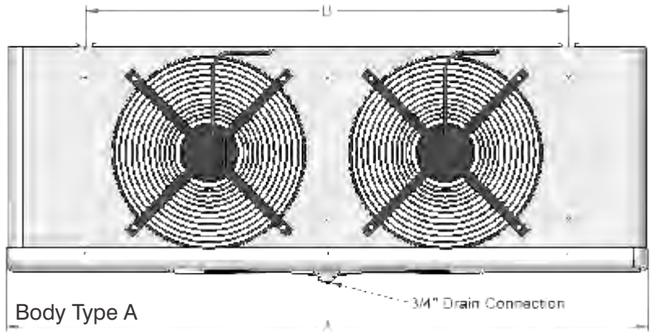
CLD713-252A, CLD719-252A

CLD724-253A, CLD729-253A

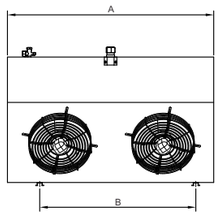
Model Code Logic

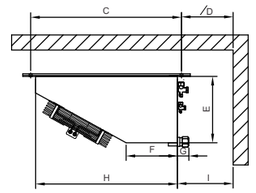


Physical Dimensions

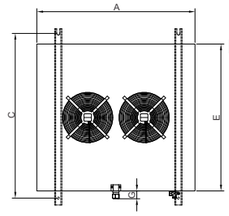


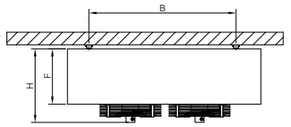
Body Type A





Body Type CLS



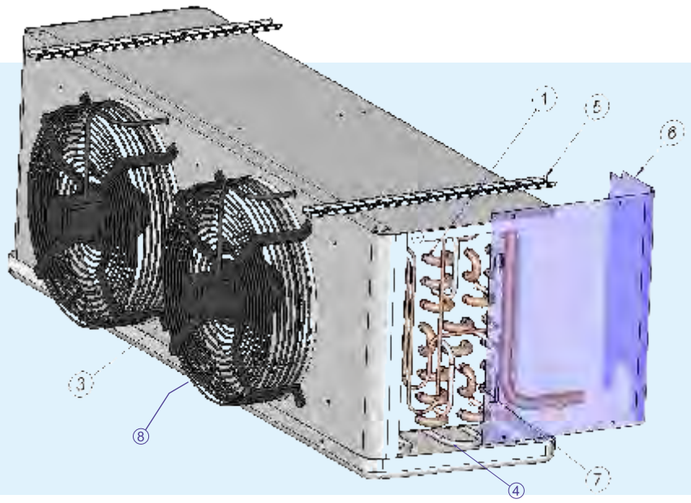


Body Type CLD

Physical Perameters	Dimensions (mm) for Model										
	A4005-301H	A4007-301H	A4012-302H	A4018-303H	A4024-353H	A4034-353H	A4039-452H	A4058-453H	CLS709-252A	CLD713-252A	CLD724-253A
	A7009-301A	A7012-301A	A7021-302A	A7032-303A	A7043-353A	A7060-353A	A7062-452A	A7090-453A		CLD719-252A	CLD729-253A
A	765	765	1095	1490	1575	1880	1880	2660	825	820	1150
B	480	485	815	1210	1300	1605	1595	2380	685	680	1010
B1	NA	NA	NA	NA	430	535	800	800	NA	NA	NA
C	375	375	375	375	375	375	375	375	530	750	750
D	350	350	350	350	350	350	400	400	300	NA	NA
E	410	410	410	410	480	550	635	635	220	720	720
F	325	325	325	325	325	325	325	325	190	220	220
G	40	40	40	40	40	40	NA	NA	40	40	40
H	435	435	435	435	435	435	460	460	500	315	315
I	375	375	375	375	375	375	375	375	375	0	0
Unit Weight (kg)	15	17	26	35	46	57	75	115	15	24	36

Features

1) High efficiency heat exchanger with in – line tube system for minimum loss of air flow between fins and with large surface area for long cooling time.
2) Fan Motor and Heater wires are connected in terminal box mounted inside the unit.
3) Fan motors are from leading brand. Insulation Class F, thermally protected against overload and can be used on 230V/50 Hz supplies.
4) Provision given for install tray heater later.
5) Stainless steel mounting rail.
6) Compact, adjustable & easy openable side panels for easy installation.
7) Heater rods arranged for best heat distribution in coil. Electric heater rods are inserted into special aluminium sleeve tubes to avoid steam formation.
8) Drainage Connection



Unit Body :

- Aluminium 1.2mm thick, pu type white powder coated, corrosion resistant and nice appearance body.
- Round corner Drain tray and also provided intermediate sheet to avoid condensation.
- Aluminium Die cast, threaded, 3/4" diameter drainage connection.

Finned coil block:

- Aluminium fin, thickness 0.30 mm
- Shedder Valve provided for gas charging.
- Coils are degreased, cleaned and tested with air 25 bar over-pressure and leak test under water according to standard.

Fan Motor:

- Axial fans with external rotor motor, single phase motor 230 V, 50/60 Hz with internally wired thermal contact, wired with internal terminal box.
- Electrical design according to standard.
- Protection class: IP-54, Insulation Class F
- Application range : -35°c to +40°c

Defrost Heating:

- Electric heater rods 230 V sleeve tube dia – 7-8mm

Technical Specifications

EVAPORATOR UNIT (Evap. Temp. -8°C to -35°C)									
Sr. NO	PARAMETERS/MODEL	A4005-301H	A4007-301H	A4012-302H	A4018-303H	A4024-353H	A4034-353H	A4039-452H	A4058-453H
1	Capacity (KW) (at -25°C, DT1= 7 K)	0.95	1.25	2.5	3.8	5.0	6.8	8.27	11.7
2	Heat Transfer Area (Sq. Mtr)	5.4	6.9	12.15	18.23	24.3	34	39.12	58.12
3	Tube Volume (In Ltr)	2.1	2.5	3.4	5	7	10.21	10.5	15.5
4	Fin Spacing-mm/FPI(Fin Per Inch)	4/6	4/6	4/6	4/6	4/6	4/6	4/6	4/6
5	Fan Diameter & No. of Fans	300/1	300/1	300/2	300/3	350/3	350/3	450/2	450/3
6	Air Flow (m3 /h) / Throw(Mtr)	1560/9	1560/9	3120/9	4680/10	8200/12	8200/12	8600/14	12900/14
7	Motor - Input Value (watts)	87 x 1	87 x 1	87 x 2	87 x 3	150 X 3	150 X 3	320 x 2	320 x 3
8	Motor - Current (Amp.)	0.42 x 1	0.42 x 1	0.42 x 2	0.42 x 3	0.65 x 3	0.65 x 3	0.74 x 2	0.74 x 3
9	Pipe Inlet & Outlet	1/2 & 7/8	1/2 & 7/8	1/2 & 7/8	1/2 & 7/8	5/8 & 1.1/8	5/8 & 1.1/8	5/8 & 1.1/8	5/8 & 1.3/8
10	Coil Heater (watts)	500 x 4	500 x 4	750 x 4	850 x 4	1000 x 4	1000 x 4	1310 x 4	1890 x 4
11	Tray Heater (watts)	750 x 1	750 x 1	1000 x 1	600 x 2	750 x 2	750 x 2	1310 x 1	1890 x 1

EVAPORATOR UNIT (Evap. Temp. 10°C to -8°C)								
Sr. NO	PARAMETERS/MODEL	A7009-301A	A7012-301A	A7021-302A	A7032-303A	A7043-353A	A7060-353A	A7062-452A	A7090-453A
1	Capacity (KW) (at -8°C, DT1= 8 K)	1.3	1.75	3.5	5.25	7	9.5	13.5	19
2	Heat Transfer Area (Sq. Mtr)	9.25	12.3	21.3	32.1	42.6	59.5	62.45	90.75
3	Tube Volume (In Ltr)	2.1	2.5	3.4	5	7	10.21	10.5	15.5
4	Fin Spacing-mm/FPI(Fin Per Inch)	3.6/7	3.6/7	3.6/7	3.6/7	3.6/7	3.6/7	3.6/7	3.6/7
5	Fan Diameter & No. of Fans	300/1	300/1	300/2	300/3	350/3	350/3	450/2	450/3
6	Air Flow (m3/h) / Throw(Mtr)	1560/9	1560/9	3120/9	4680/10	8200/12	8200/12	8600/14	12900/14
7	Motor - Input Value (watts)	87 x 1	87 x 1	87 x 2	87 x 3	150 X 3	150 X 3	320 x 2	320 x 3
8	Motor - Current (Amp.)	0.42 x 1	0.42 x 1	0.42 x 2	0.42 x 3	0.65 x 3	0.65 x 3	0.74 x 2	0.74 x 3
9	Pipe Inlet & Outlet	1/2 & 7/8	1/2 & 7/8	1/2 & 7/8	1/2 & 7/8	5/8 & 1.1/8	5/8 & 1.1/8	5/8 & 1.1/8	5/8 & 1.1/8

EVAPORATOR UNIT (Evap. Temp. 10°C to -4°C)						
Sr. NO	PARAMETERS/MODEL	CLS709-252A	CLD713-252A	CLD719-252A	CLD724-253A	CLD729-253A
1	Capacity (KW) (at -2°C, DT1= 8 K)	1.45	2.35	3.2	5.2	6.1
2	Heat Transfer Area (Sq. Mtr)	9.76	13.02	19.52	24.4	29.3
3	Tube Volume (In Ltr)	1.92	2.56	3.84	4.7	5.64
4	Fin Spacing-mm/FPI(Fin Per Inch)	3.6/7	3.6/7	3.6/7	3.6/7	3.6/7
5	Fan Diameter & No. of Fans	250/2	250/2	250/2	250/3	250/3
6	Air Flow (m3/h) / Throw(Mtr)	2000/4	2000/4	2000/4	3000/4	3000/4
7	Motor - Input Value (watts)	50 x 2	50 x 2	50 x 2	50 x 3	50 x 3
8	Motor - Current (Amp.)	0.25 x 2	0.25 x 2	0.25 x 2	0.25 x 3	0.25 x 3
9	Pipe Inlet & Outlet	3/8 & 1/2	3/8 & 1/2	3/8 & 5/8	3/8 & 3/4	3/8 & 3/4

Air flow (m^3/h) :- The air flow is determined on a suction side chamber testing stand according to ISO 5801 with dry cooler surface.

Air throw(m) :- The air throw gives the distance from the outlet area of the air cooler at which the average of the air velocity taken at 0.5 m, 0.75 m and 1 m from the ceiling at 20°C equals 0.5 m/s.

Capacity (kw) :- The capacity data are based upon measurement according to standard at the following conditions :

- Refrigerant R404A,
- Liquid temperature 30°c resp. 20°c (for evaporating temperatures below -20°c)
- Superheat of refrigerant at the outlet approx. 65% of the air inlet temperature difference.

The selection diagram and the capacity table are already considering the influence of the air humidity and specify the actual capacity of the cooler under operating conditions (wet or frosty cooler surface).

CURD INCUBATION CHAMBER

We are providing fully automatic combo type incubation chambers with heating and cooling both process together in single chamber.

Curd Incubation Chamber

Unit

Are you finding the procedure to produce best quality curd ?

- In our Indian culture, ‘dahi’ (Gujarati, Marathi, Nepali, Punjabi, Urdu), ‘dohi’ (Oriya), Mosou (Kannada) or Thayir (Tamil) is the yogurt of India, known for its characteristic, sweet-tart test semi solid consistency. It is also Religiously as well as Scientifically proven good for health.

But

- We can't retain its test and quality equal due to variations in Indian weather conditions and slight deviations in procedure.

So, as a solution of that Ice Make provides you exact methodology with appropriate temperature conditions on basis of our wide experience and some expert’s advice

- Stage No.4 and 5 in above method is most important.
- ICE MAKE offers your exact solution for stage No.4 and 5 and of couse for stage No.6 also.
- We offers you Incubation room with hot unit (as shown in photograph above) which can maintain 420C with 10C deviation for stage No.4
- For stage No.5 our Blast Chiller is useful to chill the culture upto 200C within 1 hour.
- At last, for stage No.6 you can use our regular cold Room.

If you will prepare curd according to above procedure, you will get curd with same test & and quality in every season which can maintain its quality for long time and you can prepare delicious Indian Items like Lassi, Raita, Shrikhand, Kari etc.

CURD INCUBATION CHAMBER

Mini Curd Incubation Chamber

Sr. No.	Model	Storage Capacity (Ltr/Batch)	Size (inch)	Body Type	Temperature while Heating	Temperature while Cooling
1	MI-360	360	53” X 44” X 25” (W X DX H)	Combo - Portable Mini	32°C to 45°C	-5°C to +8°C
2	MI-650	665	80" X 44" X 28" (W X DX H)	Combo - Portable Mini	32°C to 45°C	-5°C to +8°C
3	WI-1200	1250	70" X 70" X 97.22" (W X DX H)	Combo-Walk in Type	32°C to 45°C	-5°C to +8°C
4	WI-2300	2300	93" X 93" X 97.22" (W X D X H)	Combo-Walk in Type	32°C to 45°C	-5°C to +8°C
5	WI-3700	3700	93" X 144.75" X 97.22" (W X D X H)	Combo-Walk in Type	32°C to 45°C	-5°C to +8°C

Application : Curd Incubation / Blast Chilling / Storage

- Standard Incubation time is approx. 4 hours but it will depend upon the packing type and loading temperature of curd with a condition that the chamber temperature should be 45°C before loading .
- Standard cooling time is approx. 5 hours but it will depend upon the packing type and loading temperature of curd with a condition that timing will be considered after getting chamber temperature as 2° C. OPTION FOR ONLY INCUBATION IS AVAILABLE FOR ALL UNITS

Unit Weight (kg)

Ice Make Refrigeration Pvt. Ltd. provides most advanced fruits ripening rooms for fruits like mango, banana and papaya. We provide forced draft cooling system for uniform ripening of fruits even in large capacity rooms. We use blended gas system for the purpose of ripening which is acceptable by all world standards. With our system, client has unique advantage of controlling ripening cycle from four to fifteen days! We provide precise gas monitoring system for better storage life of the produce.

The essential requirements of an ethylene ripening system are:

• A reasonably air tight room with insulation • A temperature control system for cooling and/ or heating • An air circulation and ventilation system • Humidity control • An ethylene gas injection system and An electric control system

We Offer Ripening Chamber

Manual (Time Based) Semi Automatic & Automatic

We ensure that each ripening chamber is designed bottom up to maintain the precise conditions required by each specific application. Features of our ripening chamber such as,

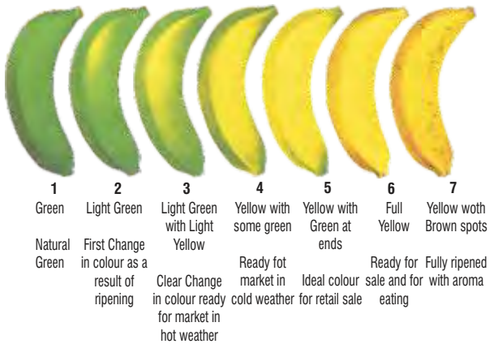
- Micro process controlled compatible with computer
- Low Cost and light weight, constructed with PUF-panels
- Low investment and maintenance cost
- Easy to commission, Swing or Sliding door type
- Ripening capacities from 5 tons to 25 tons for each chamber
- Moveable from one site to another, expandable
- Controlled levels of Ethylene,Co2,Temperature, humidity & time
- Energy efficient, uniform, quality ripening
- Ripening chambers are reliable with energy-efficient refrigeration units

Gas Emission Systems Features

- Safe
- Flexible system
- Intelligent control
- Independent settings
- Programmable

Daily Ripening Chart

	Days 1	Days 2	Days 3	Days 4	Days 5	Days 6	Days 7	Days 8
4 Days	18.0°	18.0°	16.5°	15.5°	14.5°			
5 Days	16.5°	16.5°	16.5°	16.5°	15.5°	14.5°		
6 Days	16.5°	16.5°	15.5°	15.5°	14.5°	14.5°	14.5°	
7 Days	15.5°	15.5°	15.5°	15.5°	14.5°	14.5°	14.5°	14.5°
8 Days	14.5°	14.5°	14.5°	14.5°	14.5°	14.5°	14.5°	14.5°



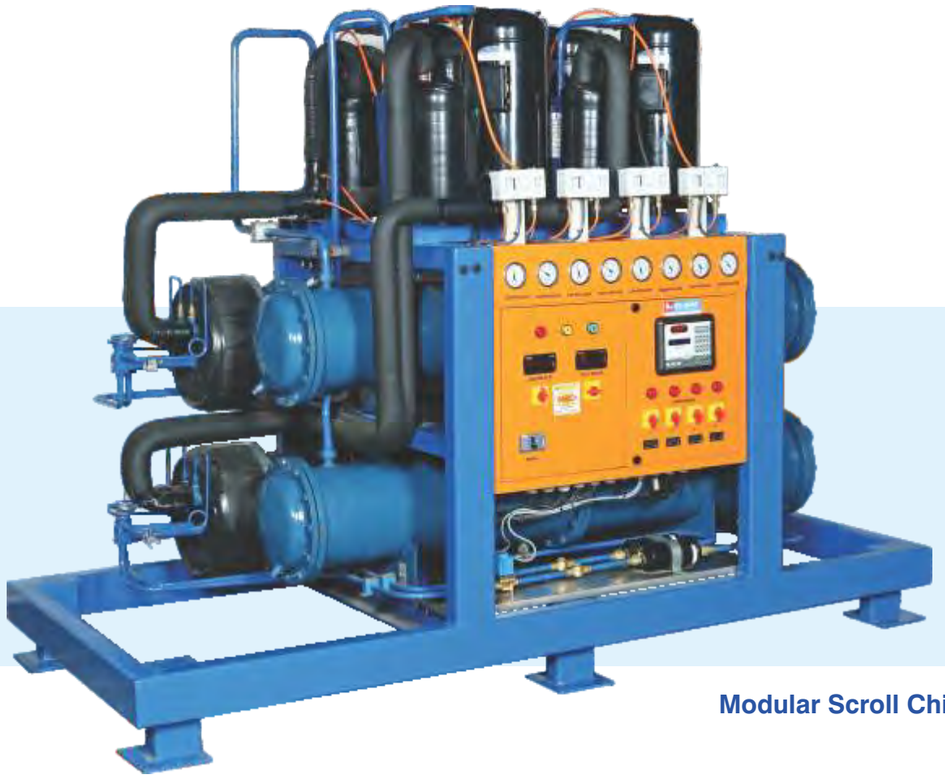
Ethylene Exposure:

Sr.No.	Product Details	Ethylene Concentration (PPM)	Ethylene Exposure Time (Hours)	Ripening Temperature (°C)	Storage Temperature after ripening(°C)
1	Banana	100-150	24-48	15-18	13-14
2	Mango	100	24	20-22	10-13
3	Papaya	100	24-48	20-25	About at 7

CHILLING PLANT

Ice Make is a leading refrigeration company dealing with the various kind of industrial chillers for end to end solutions. We are Committed to provide best solution to customers, Which fulfill their needs. We have a wide range of air cooled & water cooled chillers. We have an ISO 9001 certified production unit. The range of our chillers 5 Tr. to 200 Tr.

Ice Make chillers are ideal for various industries like Pharmaceuticals, Plastics, Foods & Beverages, Dairy & Milk Processing, Chemical Industries etc.



Modular Scroll Chiller

Chilling Plant Application

Dairy & Beverages Applications

Chemical Industries

Pharmaceutical Industries

Process Industries

Mineral Water Applications

Plastic Process Industries

ICE MAKE® Since 1989

MODEL CODE LOGIC

AC/WC SC 030 A 2 X 1

- AC/WC — AIR COOLED/WATER COOLED
- SC — SCROLL COMPRESSOR (SC – SCROLL, RP – RECIPROCATING, SW – SCREW)
- 030 — CAPACITY 30 TR
- A — REFRIGERANTS (A– R22, B – R404, C – R407, D – R134a)
- 2 — NO. OF COMPRESSORS
- X — REF. CIRCUIT
- 1

Note : No. of Comp. per Ref. Circuit : For Ex. 2X1 –Double Comp. per Single Circuit, 2X2 –Double Comp. per Double Circuit

Table - 1 (Scroll Chiller – Air Cooled)

Sr. No.	Model No.	*Capacity (In Tr.)	Refrigerant				No. of Comp. Per Ref. Circuit		
			A	B	C	D			
			R22	R404	R407	R134a	Comp. Qty		Ref. Cct.
01	ACSC005A1/-X1	5	√	OP	OP	OP	1	x	1
02	ACSC010A1/2X1	10	√	OP	OP	OP	1	2	1
03	ACSC015A1/2X1	15	√	OP	OP	OP	1	2	1
04	ACSC020A1/2X1	20	√	OP	OP	OP	1	2	1
05	ACSC025A1/2X1	25	√	OP	OP	OP	1	2	1
06	ACSC030A-/2X1	30	√	OP	OP	OP	x	2	1
07	ACSC040C-/2X1	40	OP	OP	√	OP	x	2	1
08	ACSC050C-/2X1	50	OP	OP	√	OP	x	2	1
09	ACSC060C-/2X2	60	OP	OP	√	OP	x	2	2
10	ACSC080C-/2X2	80	OP	OP	√	OP	x	2	2
11	ACSC100C-/2X2	100	OP	OP	√	OP	x	2	2

AC – AIR COOLED, WC – WATER COOLED, SC – SCROLL, SW – SCREW, RP – RECIPROCATING OP - OPTIONAL, √ - IDEAL, X – NOT APPLICABLE , EVAPORATOR – SHELL & TUBE TYPE, CONDENSOR – AIR COOLED / WATER COOLED (SHELL & TUBE TYPE)

Table – 2 (Scroll Chiller – Water Cooled)

Sr. No.	Model No.	*Capacity (In Tr.)	Refrigerant				No. of Comp. Per Ref. Circuit			Condenser Water Flow rate
			A	B	C	D				
			R22	R404	R407	R134a	Comp. Qty		Ref. Cct.	(LPM)
01	WCSC005A1/-X1	5	√	OP	OP	OP	1	x	1	70
02	WCSC010A1/2X1	10	√	OP	OP	OP	1	2	1	146
03	WCSC015A1/2X1	15	√	OP	OP	OP	1	2	1	220
04	WCSC022A1/2X1	22	√	OP	OP	OP	1	2	1	322
05	WCSC028A1/2X1	28	√	OP	OP	OP	1	2	1	410
06	WCSC036A-/2X1	36	√	OP	OP	OP	x	2	1	528
07	WCSC045C-/2X1	45	OP	OP	√	OP	x	2	1	660
08	WCSC055C-/2X1	55	OP	OP	√	OP	x	2	1	800
09	WCSC072C-/2X2	72	OP	OP	√	OP	x	2	2	1056
10	WCSC090C-/2X2	90	OP	OP	√	OP	x	2	2	1320
11	WCSC110C-/2X2	110	OP	OP	√	OP	x	2	2	1615

Table – 3 (Screw Chiller – Air Cooled)

Sr. No.	Model No.	*Capacity (In Tr.)	Refrigerant				No. of Comp. Per Ref. Circuit		
			A	B	C	D			
			R22	R404	R407	R134a	Comp.Qty.		Ref. Cct.
01	ACSW040D1/-X1	040	OP	OP	OP	√	1	x	1
02	ACSW050D1/-X1	050	OP	OP	OP	√	1	x	1
03	ACSW060D1/-X1	060	OP	OP	OP	√	1	x	1

Table – 4 (Screw Chiller – Water Cooled)

Sr. No.	Model No.	*Capacity (In Tr.)	Refrigerant A	B	C	D	No. of Comp. Per Ref. Circuit			Condenser Water Flow rate (LPM)
			R22	R404	R407	R134a	Comp. Qty		Ref. Cct.	
01	WCSW040D1/-X1	040	OP	OP	√	√	1	x	1	587
02	WCSW050D1/-X1	050	OP	OP	√	√	1	x	1	730
03	WCSW060D1/-X1	060	OP	OP	√	√	1	x	1	880
04	WCSW070D1/-X1	070	OP	OP	√	√	1	x	1	1027
05	WCSW085D1/2X1	085	OP	OP	√	√	1	2	1	1246
06	WCSW105D1/2X1	105	OP	OP	√	√	1	2	1	1540
07	WCSW120D1/2X1	120	OP	OP	√	√	1	2	1	1760
07	WCSW130D1/2X1	130	OP	OP	√	√	1	2	1	1907
08	WCSW140D1/2X1	140	OP	OP	√	√	1	2	1	2053
09	WCSW170D1/2X1	170	OP	OP	√	√	1	2	1	2493
10	WCSW190D1/2X1	190	OP	OP	√	√	1	2	1	2787
11	WCSW200D1/2X1	200	OP	OP	√	√	1	2	1	2930

Note1 : *Capacity rated on the base of water inlet temp. 15°C & water outlet temperature 10°C, Condensing temp. For water cooled system is 40°C & Air cooled system is 50°C

Note2 : For Water Cooled chiller, Condenser water inlet temperature 30°C.

Note3 : Chiller water/glycol outlet temperature ranging from -5°C to +12°C, For other temperature, higher ambient, other capacity please refer to Ice Make sales team.

Table – 5 (Glycol Chiller - Air Cooled)

Sr. No.	Model No.	*Capacity (In Tr.)	Refrigerant A	B	C	D	No. of Comp. Per Ref. Circuit		
			R22	R404	R407	R134a	Comp. Qty		Ref. Cct.
01	ACRP005B1/-X1	005	√	√	OP	OP	1	x	1
02	ACRP010B1/2X1	010	√	√	OP	OP	1	2	1
03	ACRP015B1/-X1	015	√	√	OP	OP	1	x	1
04	ACRP020B1/2X1	020	√	√	OP	OP	1	2	1
05	ACRP030B1/2X1	030	√	√	OP	OP	1	2	1
06	ACRP040B-/2X1	040	√	√	OP	OP	x	2	1
07	ACRP060B-/2X1	060	√	√	OP	OP	x	2	1

Table – 6 (Glycol Chiller – Water Cooled)

Sr. No.	Model No.	*Capacity (In Tr.)	Refrigerant A	B	C	D	No. of Comp. Per Ref. Circuit			Condenser Water Flow rate (LPM)
			R22	R404	R407	R134a	Comp. Qty		Ref. Cct.	
01	WCRP005B1/-X1	005	√	√	OP	OP	1	x	1	70
02	WCRP011B1/2X1	011	√	√	OP	OP	1	2	1	161
03	WCRP017B1/-X1	017	√	√	OP	OP	1	x	1	249
04	WCRP034B1/2X1	034	√	√	OP	OP	1	2	1	498
05	WCRP044B-/2X1	044	√	√	OP	OP	x	2	1	645
06	WCRP068B-/2X1	068	√	√	OP	OP	x	2	1	997

AC – AIR COOLED, WC – WATER COOLED, SC – SCROLL, SW – SCREW, RP – RECIPROCATING, OP - OPTIONAL, √ - IDEAL X – NOT APPLICABLE , EVAPORATOR – SHELL & TUBE TYPE, CONDENSOR – AIR COOLED / SHELL & TUBE TYPE

Note 1 : *Capacity rated on the base of brine inlet temp. +5°C & outlet brine temp. 0°C, Condensing Temp. For water cooled system is 40°C & air cooled system is 50°C.

Note 2 : For Water Cooled chiller, Condenser water inlet temperature 30°C.

Note 3 : Chiller water/glycol outlet temperature ranging from -25°C to -5°C, For other temperature, higher ambient, other capacity please refer to Ice Make sales team.

ICE MAKE® Since 1989

Controller Options

1) Microprocessor Based

2) PLC Based (Applicable for Screw Chiller)

(1) Microprocessor Based Controller :

Liquid Crystal Display (LCD)

The LCD screen shows description of the controller parameters, and any other information concerning the controlled variables.

Display Size : **2 Rows X 16 Characters**

Character Size : **5.65 X 2.96 mm**

Controller has following **Analog Inputs (Probe)**	Controller has following **Digital Outputs (Relay)**
COND IN – Indicates Condenser Inlet temperature	Chiller Pump ON/OFF
COND OUT – Indicates Condenser Outlet temperature	Compressor1 ON/OFF
WATER IN – Senses Water (Chiller) Inlet temperature	Condenser Fan1 ON/OFF
WATER OUT – Senses Water (Chiller) Outlet temperature	Liquid SV1 for Pump Down1
ANTI FREEZE – Used as an Internal Anti Freeze Control	Compressor2 ON/OFF
–	Liquid SV2 for Pump Down2
–	Alarm

System Safety features (Trip Signals)

- High Pressure & Low Pressure
- Compressor Overload
- Condenser Fan Overload or
- Condenser Pump Overload
- Low Water Flow in Chiller
- Low Water Flow in Condenser
- Single Phase Prevent
- Antifreeze Trip
- Phase Input

Note : Controller informs the user of a fault condition via a Buzzer and an Alarm Relay or by Massage on display

(2) PLC Based Controller :

Its programmable logic controller that is fully compatible (hardware and software), which includes programmable controllers, user terminals, gateways, communication devices and remote management devices

Controller has following Analog & Digital inputs :

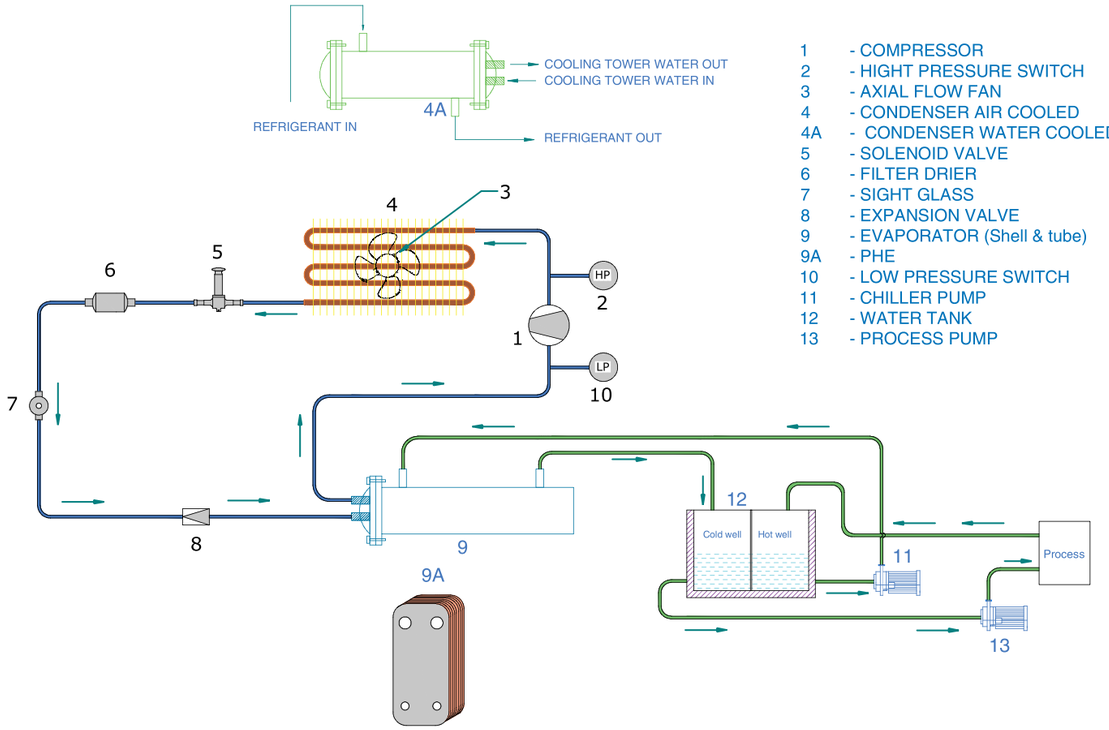
Suction Pressure, Discharge Pressure, Chiller Inlet, Chiller Outlet, Condenser Inlet, Condenser Outlet, Anti-Freeze, Emergency Stop, Compressor OLR, HP Switch & LP Switch, Evaporator Flow, Condenser Flow, Condenser Pump Overload, Chiller Pump Overload.

Self Identification Functions:-

1. All digital inputs & outputs such as Chiller Inlet, Chiller Outlet, Condenser Inlet, Condenser Outlet, current, Voltage, Low water flows in condenser etc.
2. Trouble shooting identification function: - Show history of trips with date & time as well as cause of trips.

Note : Other Customize inputs & outputs in controller, please refer to Ice Make sales team.

Refrigeration Cycle



1 - COMPRESSOR
2 - HIGHT PRESSURE SWITCH
3 - AXIAL FLOW FAN
4 - CONDENSER AIR COOLED
4A - CONDENSER WATER COOLED
5 - SOLENOID VALVE
6 - FILTER DRIER
7 - SIGHT GLASS
8 - EXPANSION VALVE
9 - EVAPORATOR (Shell & tube)
9A - PHE
10 - LOW PRESSURE SWITCH
11 - CHILLER PUMP
12 - WATER TANK
13 - PROCESS PUMP

Key Features :

- Availability of Customized Solution
- Eco Friendly Refrigerant
- Wide Range of Water/Glycol Temp. (+15 °C to -25 °C)
- Closed Circuit operation
- Modular Design
- Easy operation & less Maintenance
- Compact in size

We are Dealing with Following Compressor

1) Scroll Compressor ,
Make : Emerson/Copeland & Danfoss or Equivalent
2) Reciprocating Compressor Type : Semi Hermetic & Hermetic sealed
Make : Emerson/Copeland, Danfoss, Frascold & Bitzer or Equivalent
3) Screw Compressor
Make : Frascold & Bitzer or Equivalent

Dimple Plate in Tank Type Chiller

Evaporator	:	Dimple Plate Type (S.S plate)
Condenser	:	Air Cooled/Water Cooled
Water Temperature Range	:	+2 °C to +4 °C
Application	:	Food & Bakery Industry
Tank M.O.C	:	Inner S.S 304 & Outer G.I.P.P./S.S 304
Insulation	:	PUF

Dimple Plate Type Evaporator

ICE MAKE® Since 1989

Air Cooled V Condenser Screw Chiller

Air Cooled Screw Chiller

Air Cooled Scroll Chiller

Air Cooled Scroll Chiller

Air Cooled Glycol Chiller

Online Chilling Plant

Water Cooled Screw Chiller

Water Cooled Scroll Chiller

Water Cooled Glycol Chiller

Water Cooled Screw Chiller

Modular Scroll Chiller

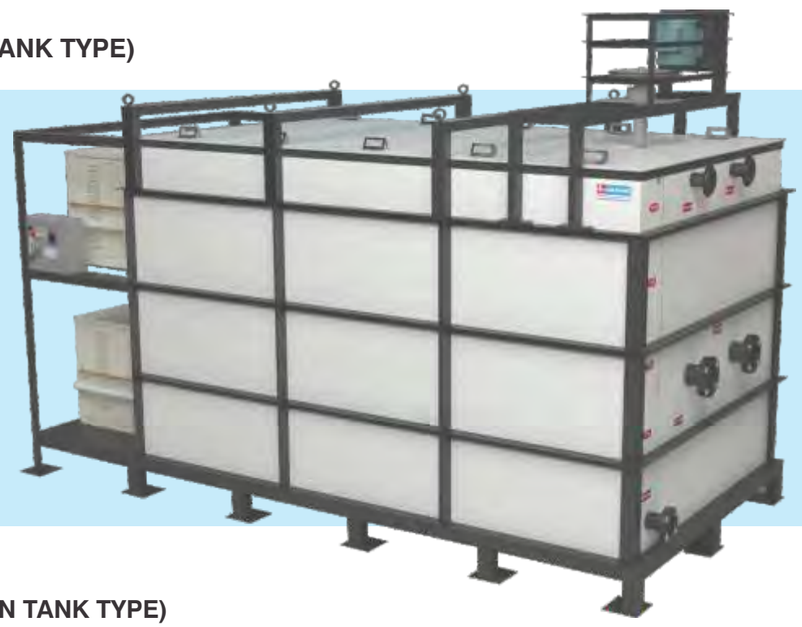
Industrial Chilling Plant

ICE BUILDING TANK (IBT)

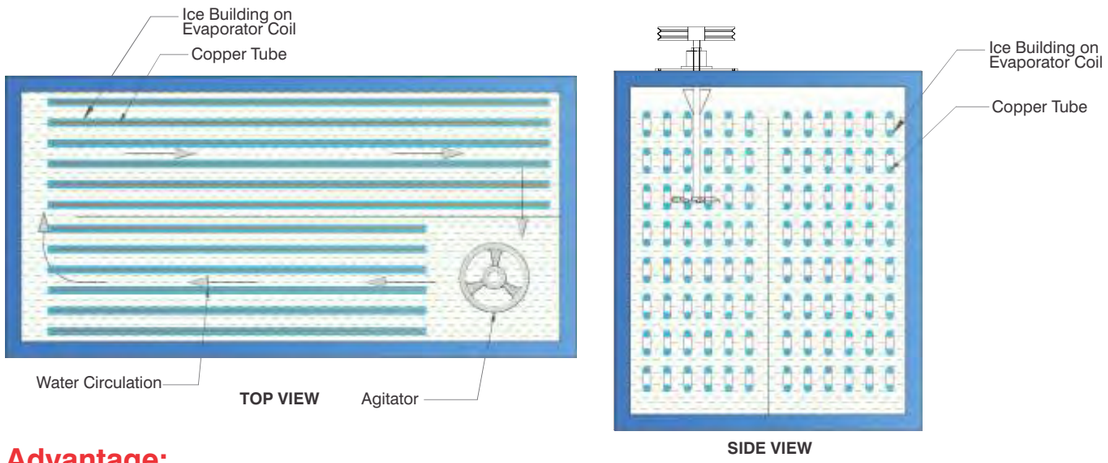
IBT is a system, which store energy in the form of ICE.
It is applicable in Dairy Industry for quick process in short time with certain limit of power load.

NO NEED OF CIVIL & FABRICATION WORK AT CUSTOMER SITE
EASY TO LIFT & SHIFT | 40% ENERGY EFFICIENT | BETTER INSULATION

(IBT- COIL IN TANK TYPE)



(IBT- COIL IN TANK TYPE)



Advantage:

- Required Less connected power load
- The ice water intensively cools the product without any risk
- Power supply is not required ones Ice Formation is Completed
- No requirement of Cooling Tower and Water Supply (For Air Cooled type)
- Wide capacity with Storage tank upto 1,00,000 LTR / 33,000 KG ice formation per day
- Cooling energy storage capacity upto 900 TR. / day

ICE MAKE® Since 1989

Material of Construction:

Outer:
A : Pre Coated GI sheet with PVC film thickness 0.5mm
B : stainless steel sheet, grade 304, thickness 0.5mm.

Inner:
A : M.S. Sheet Thickness 2.4 to 6 mm with epoxy paints.
B : S.S sheet, grade 304, Thickness 0.8 to 1.6mm.

Buckets:
M.S. angle & channel 65x5 mm to 100x8 mm with Paint.

PUF Insulation:
The tank has 80mm insulation, which help to stop energy loss & Lower Power Consumption.

Protection & Control accessories:

Large graphic LCD screen
Finger-touch menu with simple controls
Continuous, accurate display of each action

SR NO.	MODEL	TANK CAPACITY LTR.	REFRIGERATION UNIT CAPACITY TR (TON REFRIGERATION)	UNIT CAPACITY (TR) NO. OF UNITS	STIRRER SYSTEM TYPE	ICE PRODUCE CAPACITY IN KG (AFTER 20 Hr. Working)	COOLING STORAGE CAPACITY IN TR. (TON REFRIGERATION) (At 2° C)	BODY SIZE (INCHES)	CONNECTED POWER LOAD(kw)
		LTR	TOTAL	Tr.	TYPE	KG	Tr.	TOTAL (LxWxH)	Kw
1	IBT-501.5	500	1.5	1.5 X 1	Pump	412.5	12	45 x 35 x 39	2.4
2	IBT-1002	1000	2	2 X 1	Pump	550	17	65 x 35 x 39	2.78
3	IBT-1003	1000	3	3 X 1	Agitator	825	24	65 x 35 x 39	3.8
4	IBT-2003	2000	3	3 X 1	Agitator	825	26	93 x 45 x 39	3.8
5	IBT-3003	3000	3	3 X 1	Agitator	825	28	83 x 59 x 69	3.8
6	IBT-2004	2000	4	2 X 2	Agitator	1100	34	93 x 45 x 39	5.8
7	IBT-3004	3000	4	2 X 2	Agitator	1100	35	83 x 59 x 69	5.8
8	IBT-3005	3000	5	5 X 1	Agitator	1375	43	83 x 59 x 69	6.2
9	IBT-4005	4000	5	5 X 1	Agitator	1375	44	91 x 71 x 69	6.2
10	IBT-4006	4000	6	3 X 2	Agitator	1650	52	91 x 71 x 69	7.8
11	IBT-6006	6000	6	3 X 2	Agitator	1650	55	130 x 71 x 69	7.8
12	IBT-6010	6000	10	5 X 2	Agitator	2750	85	130 x 71 x 69	12.2
13	IBT-8010	8000	10	5 X 2	Agitator	2750	89	170 x 71 x 69	12.2
14	IBT-10010	10000	10	5 X 2	Agitator	2750	92	205 x 71 x 70	12.2
15	IBT-10015	10000	15	5 X 3	Agitator	4125	130	205 x 71 x 70	18.6
16	IBT-12015	12000	15	5 X 3	Agitator	4125	133	248 x 71 x 70	18.6
17	IBT-15020	15000	20	5 X 4	Agitator	5500	176	264 x 81 x 70	24.8
18	IBT-18020	18000	20	5 X 4	Agitator	5500	181	264 x 79 x 83	24.8
19	IBT-20026	20000	26	12.8 X 2	Agitator	7150	229	264 x 84 x 86	27.2
20	IBT-25038	25000	38	12.8 X 3	Agitator	10450	328	264 x 86 x 103	41
21	IBT-28038	28000	38	12.8 X 4	Agitator	10450	333	264 x 95 x 103	41

TRANSPORT REFRIGERATION

Transportation with temperature (+12°C to -25°C) for all perishable foods on all types of vehicle as (Small, Mini Truck & Heavy Loading Truck)

LOW WEIGHT | **HIGH STRENGTH** | **BETTER INSULATION**

Refrigerated Container

Bharat Benz 3123R (GRP)

Isuzu D-Max

Tata 407 Pick up

Tata Ultra 912

Ashok Leyland ECOMET 1214 (GRP)

ICE MAKE® Since 1989

Type of Construction **Type A:** Heavy structure with Pre Fabricated Sandwich Panels with Cam Lock on all sides
All panels fit together by Cam Lock, so container becomes air–tight fit

Type B: Heavy structure with Pre Fabricated Joint less Panel (Single Panel). All Side Panels & Top Panels made with Wooden structure and Bottom Panel with Metal structure

Wall Thickness Insulated wall thickness 80mm (Small Vehicle), 100mm (Mini Truck) & 125mm (Heavy Loading Truck)

Surface Material Outside Pre coated GI sheet Skin Thickness 0.8 mm or S.S. grade 304, Thickness 0.5mm
Inside Pre coated GI sheet Skin Thickness 0.8mm or S.S. grade 304, Thickness 0.5 mm.

Type of Floor We are providing outside Pre coated GI sheet, Thickness 0.8mm & Inside 9mm or 19mm Marine Ply with FRP layer for water proof & top material as per below details

Option -1 Aluminum 'T' profile for easy moving & air rotation.
Option -2 Aluminum Checkered Plate.
Option -3 S.S 202 rectangle pipe structure for better easy moving & air rotation.
Option -4 Aluminium Corrugated Profile
Option -5 S.S. Corrugated Profile

Aluminum T Profile

Aluminum Checkered Plate

S.S.Pipe

Aluminium Corrugated Profile

S.S. Corrugated Profile

Door : Single loft Door For Small Vehicle & Double Loft Door For Mini and Heavy Loading Truck

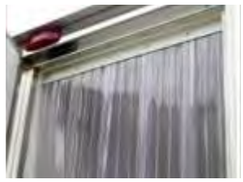
Double Loft with Window (Fully Open)

Door & Windows

Single & Double loft (fully open) insulated doors, hatch door (Window) & side door fitted fitted with double gasket with heavy door locking mechanisms for special transport segment. Drop "T" handles gear, Rear door hinges, Rear door hinges bracket, Seals Rubber Gasket,

Side Door

Single Loft Door



Door Curtain

As per customer requirement we provide PVC Door curtain. As per your door size

Base Frame

Between container & body chassis, it is design on M.S. profile with laser cut aesthetic look & M.S. pipe frame will be complete with U bolts & Fasteners.

Ladder for UP and DOWN on Container

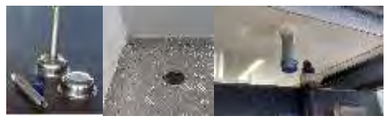
Useful for up down on container & easy services for refrigeration unit for large truck.

Totally strong & welding with container.

Rubber Buffer
Useful for backside door protection

Foot Steps :
Steps foot with M.S. & Aluminium Chequered Plate

Seal Gaskets :
Rubber Gasket with
4 lips for better fitment of Door.



Drainage System :
Made by S.S. & for drain the water coming from system

TRANSPORT REFRIGERATION

Side Marker Light : Functions of side marker lamp & side reflex reflector

LED Light :
Vapor & weather proof LED Light

Radium Line : Front side, back side yellow reflection radium line for night time.

Drop "T" Handles : Trailer door gears made by S.S. material

Rear Door Hinges & Bracket : S.S. Hinges

Hook on Container : For side lifting hook for easy shifting One to another vehicle

Paint : Weather resistance paint with primer coat-zinc rich epoxy primer, intermediate –epoxy polyamide primer, top coat – bituminous paint
In Optional Accessories : Strip Curtain, Side Door, Hatch Door, Storage Rack or Self (made by S.S. Pipe)

Modified Design

Bucket Structure:
Design on bended Aluminium panel with 4 mm thickness & SS Corner Profile for solid Covering of container.

Sub Frame :
Z-section with MS sheet having 4 mm thickness.

Door Frame :
Door frame "C" Profile having 2mm SS Sheet.

Refrigerated & Eutectic Mobile Container with GRP Panel

GRP stands for "glass-fibre reinforced plastic", a high grade composite material, consisting of polyester resin reinforced with glass fibre matting.

GRP is highly suitable for refrigerated containers with higher stability, low weight and for exceptional resistance to corrosion.

Features:

- GRP Container are extremely robust due to their permanent stability and absolute resistance to corrosion
- Long-term weather resistance enables many years of outdoor use
- Low weight is particularly advantageous for refrigeration transportation with low payload and low operating cost
- Smooth interior and exterior surfaces make GRP Container easy to clean
- GRP panels are UV resistant
- GRP Panels is resistance to chemical and fire

ICE MAKE offers GRP Container up to maximum 24 feet joint-less panel in length

EUTECTIC MOBILE CONTAINER

ICE MAKE® Since 1989

MINIMUM MAINTENANCE I NO LOAD ON VEHICLE ENGINE I LOWER OPERATING COST

HIGHLY RELIABLE I SUBSTANTIAL POWER SAVING I NO EMISSIONS

ICE MAKE – Eutectic Mobile Container is designed for multi deliveries of Ice cream, Frozen Foods, Bakery Products and Fruits & Vegetables distribution.

- Assured refrigeration performance with total reliability
- Super fast temperature pull down up to -24°C
- Suitable for multiple Deliveries door openings
- Unique Eutectic Plate design offers maximum Heat Transfer surface area
- Non-toxic PCM filled in sealed pack - which will not leak

ICE MAKE – Eutectic System are designed to operate in vehicles that have been suitably insulated for fresh or frozen produce transportation. The Eutectic Plates are mounted inside a chamber which is separate from the main load system. The product inside the storage compartment is cooled on required temperature either for Frozen Application (-24°C) or Chilled Application (+2°C to 8°C) by the PCM pads. The connected power supply to charge should be 3 phase.

EUTECTIC MOBILE CONTAINER

Technical Specification

Insulation Thickness : For Frozen Application : 100 mm + 25 mm (Eutectic Plate)
For Chilled Application : 80 / 100 mm + 25 mm (Eutectic Plate)

Refrigeration System : Air Cooled With Electric Support

Compressor Type : Semi shield / Scroll compressor

Unit Running Time : For Frozen Application : 10 to 12 Hr.
For Chilled Application : 4 to 5 Hr.

Temperature : For Frozen Application : -24°C after charging & -12°C after 12 To 14 Hr.
For Chilled Application : 0°C after charging & +4°C after 4 to 5 Hr.

Back up time : For Frozen Application : 12 to 14 Hr.
For Chilled Application : 4 to 5 Hr.

Advantage on Eutectic Vs Diesel Engine Refrigerated Container

	Eutectic Mobile Container	Diesel Engine Operated Container
Vehicle Engine Maintenance	Less (No load on Vehicle Engine)	High (Run By only Vehicle engine)
Reefer Unit Maintenance	Easy Available & Repair by Local Technician	Repair by Companies Technician & High Cost
Carbon Emission by Reefer Unit	Zero	High

*** Suitable Up to 14 Feet Vehicle**

TRANSPORT REFRIGERATION

ICE MAKE® Since 1989

Refrigerated Container

Bunk House

AGEING VAT

Ice Make Ageing Vat is used to cool down ice Cream mix and to maintain temperature of around 4˚C. Slow agitation allows the complete ageing of the ice cream mix.

Ice Make Ageing Vat is essential to prepare large quantities of mix for the top quality fresh ice cream. It keeps the mix well blended, prevents separation of the ingredients, to increase the thickness of mix, which in turn improves flavour, creaminess, texture, overrun and meltingresistance of ice cream.

Special Features

- Compact design
- Easy operation & User Friendly
- Automatic precision controls assure quality aging of mix
- The equipment requires a relatively small amount of floor and plant space
- The closed unit keeps the processing losses to a minimum

Technical Specification

Description	IAV-200	IAV-300	IAV-500	IAV-750	IAV-1000
Capacity (Ltrs.)	200	300	500	750	1000
Material of Aging Vat	SS 304	SS 304	SS 304	SS 304	SS 304
Inner-Outer Shell Thickness	2 mm	2 mm	2 mm	2 mm	2 mm
PUF Insulation Thickness	75 mm	75 mm	75 mm	75 mm	75 mm
Blades Thickness	6 mm	6 mm	6 mm	6 mm	8 mm
No of Blades	2	2	2	2	2
Motor (HP)	0.5	0.5	1	1.5	1.5
Product Outlet Size	1 inch	1 inch	1.5 inch	1.5 inch	1.5 inch
Product Inlet Size	1 inch	1 inch	1.5 inch	1.5 inch	1.5 inch
Connected Load Kw	2.25	2.7	4.5	5.3	6.0

ICE CREAM MIX PASTEURISER

A Pasteurisering for heat treatment to kill disease-carrying germs in ice cream mix without affecting their nutritional and natural qualities. After heating the mix remains at a high temperature for the time required to kill all germs and then quickly chilled to store at 4˚C.

Ice Make Pasteurizing tank isan electronic pasteurizer, which is easy to use, simple to manage, and ideal for any ice cream manufacturer when it comes to making, storing and aging of any type of ice cream mix.
A pasteuriser is used to heat the ice cream mixture. It is ajacketed stainless steel pan gives better control overheating. Steam from a boiler heats the space between the outer jacket and inner pan to givemore uniform heating and avoid localised burning of the product. It is fitted with anagitator.

Special Features

- Reduces total bacterial count
- Improved distribution of flavouring and colour
- Melting and uniform suspension of fats in the mixture
- Hydrates proteins &stabilizers, if dried ingredients are used
- Automatic precision controls assure effective pasteurization
- The equipment requires a relatively small amount of floor and plant space
- The closed unit keeps the processing losses to a minimum

Technical Specification

Description	IPT-200	IPT-300	IPT-500
Tank Capacity	200 Ltr	300 Ltr	500 Ltr
Material	SS 304	SS 304	SS 304
Inner-Outer Shell Thickness	2 mm	2 mm	2 mm
PUF Insulation Thickness	50 mm	50 mm	50 mm
Blades Thickness6 mm	6 mm	6 mm	
No of Blades	2	2	2
Motor (HP)	0.5	0.5	1
Product Outlet Size	1 inch	1 inch	1.5 inch
Product Inlet Size	1 inch	1 inch	1.5 inch

ICE CANDY PRODUCTION MACHINE

We manufacturing wide range of Ice Candy Production Machine using high quality material & advance technology which to be used to produce Ice Candy.

ICCP-9

ICCP-15

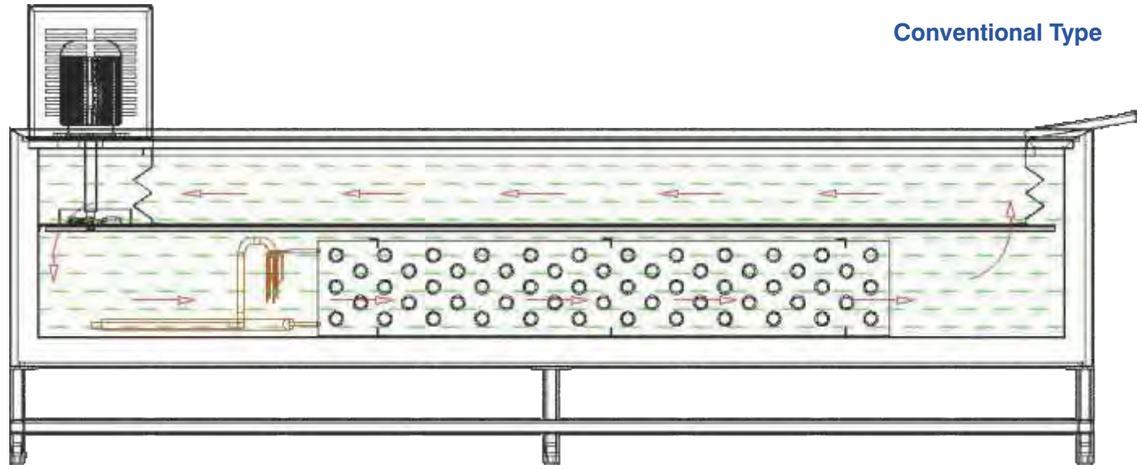
ICCP-20

ICCP-40

ICE MAKE® Since 1989

Process Diagram

Conventional Type



Specifications

Model	ICCP-4	ICCP-6	ICCP-9	ICCP-15
Capacity / Hr	192 Candy	288 Candy	432 Candy	720 Candy
Outer Size (LxWxH)	53"x25"x25"	66"x32"x26.5"	77"x32"x26.5"	114"x32"x26.5"
Inner Tank Size (LxWxH)	47"x19"x22"	60"x26"x23.5"	71"x26"x23.5"	108"x26"x23.5"
Functional Area in Inch(LxWxH)	32"x19"x8"	48"x26"x8"	55"x26"x8"	90"x26"x8"
Power Consump. (Kw)	3.0	4.1	5.4	8.6
Brine Storage Capacity (Approx)	340 Ltrs	650 Ltrs	700 Ltrs	1080 Ltrs

Model	ICCP-20	ICCP-32	ICCP-40
Capacity / Hr	960 Candy	1536 Candy	1920 Candy
Outer Size in Inch (LxWxH)	114"x38"x26.5"	168"x38"x26.5"	202"x38"x26.5"
Inner Tank Size in Inch (LxWxH)	108"x32"x23.5"	162"x32"x23.5"	196"x32"x23.5"
Using Area in Inch (LxWxH)	90"x32"x8"	144"x32"x8"	180"x32"x8"
Power Consump. (Kw)	10.6	16.9	20.2
Brine Storage Capacity (Approx)	1330 Ltrs	1990 Ltrs	2400 Ltrs

- **SOLID WASTE FREE CLEAN BRINE DUE TO BRINE FILTER**
- **BELTLESS AGITATOR**
- **WELL DESIGN FOR BRINE CIRCULATION TO MAINTAIN UNIFORM TEMPERATURE**

Application : Ice Candy, Roll Cut Ice cream Production

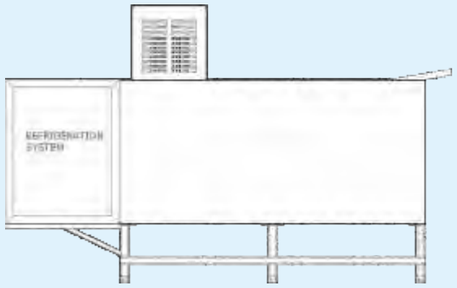
Temp : -26°C to -30°C

Body : Outer - S.S. Grade 304 Thick 1mm, Inner - S.S. Grade 316 Thick 1.2mm

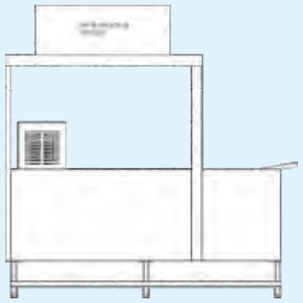
Pull Down Time : Ice cream base freezing time 20 to 30 minute approx. (Mix Inlet temp - -4°C to -6°C) Water base flavor freezing time 30 to 35 minute approx. (Mix Inlet temp - +10°C to +14°C)

Conditions : Water flow rate as per required capacity in case of water cooled system.

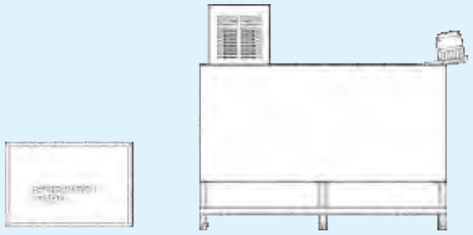
Refrigeration System To Be Installed As Per Requirement



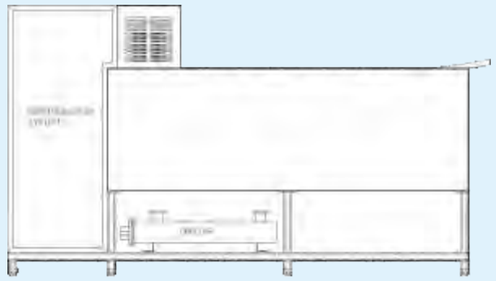
Option A : Left / Right Side



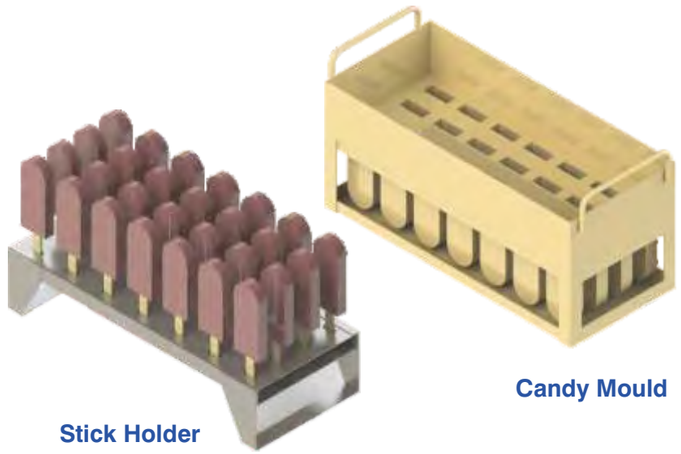
Option B : Top Side



Option C : Split Side



Option D : Water Cooled Type



Stick Holder

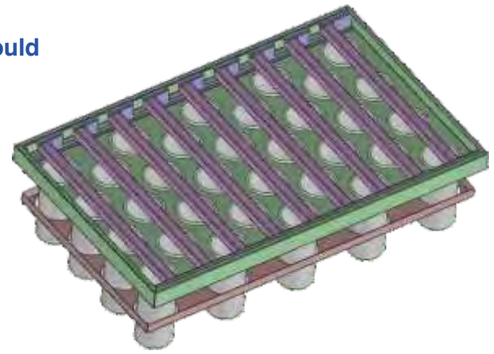
Candy Mould

Mould Design We Consider

Mould Size : 17.5” x 7.25” x 9” (L x W x H)
Stick Holder : 16” x 6.75” x 8.5”
Contains : 24 Cavity/Mould

Tray For Roll Cut Type Candy Mould

S.S Tray is also to be provided for Roll cut type candy mould for those who making Roll Cut Type Candy. It makes operating & working easy while it is produced as Mould is hold by S.S Pipe & angle of Tray.



Defrosting Cum Choco Coating Tank

IDM-I

IDM-II

	DEFROSTING CUM CHOCO COATING TANK
Body	Outer S.S Grade 304, Inner – S.S Grade 304
Size (L x W x H)	• Single : 27” x 14” x 34.5” • Double : 27” x 23.25” x 34.5”
Temperature	+30°C to +50°C
Insulation	38 mm PUF Insulation
Mounted	Mounted with S.S Stand - Grade 304
Application	• For uniform Demoulding of Candy from Mould • Making Uniform Layer of Choco on each Candy Of Mould
Heater	1.5 Kw
Capacity	1 Mould and 2 Mould

Special Features :

- Life of Heater is long lasting as it is not in touch with Brine.
- IDM-I stands for Single Mould and IDM-II stand for Double Mould

Hardener Deep Freezer Static Type

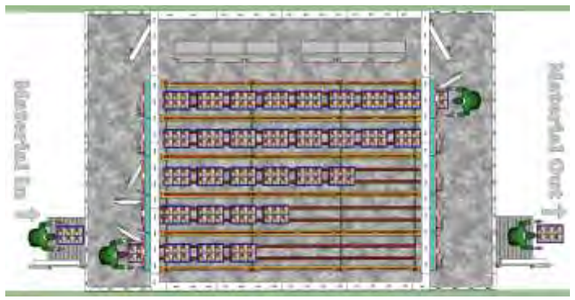
IH-200

IH-300

Sr. No.	Model	Ltr / Batch	Storage Cap. Ltr.	Size (Inch)	Nali / 20 Ltr.	Power Cons. / Hr	Power Supply
01	IH - 200	200	570	72 x 30 x 37	10	1.25	1 ph
02	IH - 300	320	820	96 x 30 x 37	16	1.5	1 ph

Application : Icecream / Ice Candy, Frozen Food Hardening
Temp : -22°C to -26°C
Body : Outer - Inner precoated G.I.
Top & Door S.S. 410 magnetic, Inner Bottom S.S. 304
Pull Down Time : 6 to 8 Hrs approx.

Blast Freezer



Application : Multi Door Design is effective when freezing or hardening of Product is done with storage in crates and trolley.
Product : Icecream, Meat, Chicken, Ready to Cook, Ready to eat
Temp : -25°C to -38°C
Capacity : 200 Kg to 2000 Kg

ICE MAKE® Since 1989

Hardener Forced Draft Type / Tunnel Type

H-10

H-20

H-30

Model	H – 10	H – 20	H – 30	H – 39	H – 45
Body size in inch (W x H x D)	58.5 x 35.5 x 88	58.5 x 41.25 x 88	58.5 x 58.5 x 88	58.5 x 58.5 x 112	58.5 x 58.5 x 128
Functional Area in inch (W x H x D)	23 x 15 x 80 1 Nos.	23 x 15 x 80 2 Nos.	23 x 15 x 80 3 Nos.	23 x 15 x 104 3 Nos.	23 x 15 x 120 3 Nos.
No. of Window Both Side	1	2	3	3	3
*Stand Height	30"	25"	10"	10"	10"
Moulds Capacity	10	20	30	39	45
Storage Volume (Ltrs)	450 Ltr	900 Ltr	1350 Ltr	1770 Ltr	2100 Ltr
Standard Model					
Power Input(kw)	4.1	5.4	6.9	8.6	8.6
**Cooling Cap.	0.52 TR	0.7 TR	1 TR	1.52 TR	1.52 TR
Two Stage Model/Cascade Type Ref. System					
Power Input(kw)	5.4	8.8	10.8	13.6	13.6
**Cooling Cap.	0.75 TR	1 TR	1.30 TR	2 TR	2 TR

Application : Icecream / Ice Candy & Frozen Food Hardening

Temp : Option A : **Heavy Duty** -26°C to -30°C
Option B : **Cascade Type** -26°C to -40°C

Body : Option A : Outer & Top Door GIPP, Inner S.S. Grade 304,
Inner Structure S.S. Grade 202 Pipe & Angle
Option B : Fully S.S. Grade 304, Inner Structure S.S. Grade 202

Hardening Time : • Ice Candy-**15 minutes** • Ice cream Cup & Cone-**45 minutes**
• 1/2 Ltr Family Pack-**1.3 hrs** • 1 Ltr-**2.0 hrs** • 4 Ltr Bulk-4 hrs • 20 Ltr Nali-**6 hrs**

* Total height = Body height + Cond. Unit Height + Stand height
** Cooling capacity based on – Standard Model-Eva. Temp. -32°C and Cond.Temp. 50°C,
Two Stage Model – Eva. Temp- -37°C and Cond. Temp- 25°C

We also offering Bulk Milk Chiller Capacity from 250 Ltr to 5000 Ltr. which is used to cool milk at 4°C and to maintain freshness of milk

MTD-250/500

MTD-2000

MTD-1500

MTD-3000/5000

Refrigeration Unit:
Split type for MTD 2000/3000/5000

Cooling & Maintaining Milk Quality At 4° C

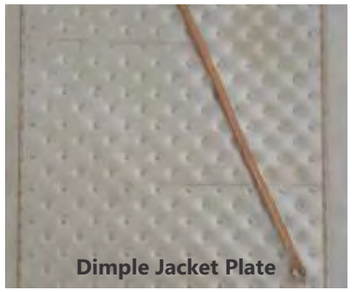
The most important part of a collecting centre of milk is the bulk milk cooler (BMC). When the milk is extracted, it is at around 37°C. If the milk continues to remain at room temperature after extraction, bacterial growth will affect the quality of the milk. The BMC is meant to cool the milk to 4°C in a prescribed time. The BMC is available in different shapes and sizes which depending on the amount of milk to be cooled and the system of cooling.

Solutions Of Bacteria Free Milk Storage For Dairy / Milk Collection Center

Special Features

- Faster cooling owing to direct expansion
- Durable tank made of AISI 304 SS
- Digital temp controller
- Energy conscious
- Robust design.
- Hermetically sealed compressor
- Occupy minimum space
- Designed to be user friendly

Evaporator Cooling Tank For Faster Cooling



In the direct expansion (DX) type, the refrigerant system directly extracts the heat via evaporator **(Dimple Jacket)** which is the part of the bottom sides of the cooling tank. The tank is insulated to maintain the temperature and is provided with an agitator for uniform distribution and cooling of milk. Efficient evaporator ensures quick and trouble- free cooling and space-saving installation. A high cooling capacity is guaranteed and freezing is prevented for small amounts of milk. The tank is made of stainless steel completely welded and polished. A smooth slope is also provided in milk tank for drain outlet such a way that total milk will drain perfectly.

INSULATION

Thickness 75mm. PUF Insulation CFC free. Density 38 Kg /M3. +/-2 kg, all Body PUF pouring by auto Imported Machine.

STURER

Gear motor with auto control by timer
I.E.:- work 1 minute after every 15 minutes

FACILITY TO MEASURE MILK VOLUME

Dip stick with dip stick chart is provided to measure quantity of milk in the tank.

REFRIGERATION UNIT

- Designed to work up to 45'c in Indian weather condition
- Minimum sound & easy to maintenance
- Refrigeration system designed such a way that only 3"0 temperature will increase in 12 hours after switch off the working unit at 2'0.

Technical Specification

Description	Unit	MTD-250	MTD-500	MTD-1000	MTD-1500	MTD-2000	MTD-3000	MTD-5000
Tank Capacity	Ltr.	250	500	1000	1500	2000	3000	5000
Dimension - Length	Inch	35	51	97	98	98	55	110
Width	Inch	28	35	35	43	43	63 (OD)	71 (OD)
Height	Inch	63	63	62	70	80	71	79
No. Of Door		1	1	2	2	2	1	2
No. Of Agitator		1	1	1	2	2	1	2
Body Type		Horizontal-Rectangular	Horizontal-Rectangular	Horizontal-Rectangular	Horizontal-Rectangular	Horizontal-Rectangular	Cylindrical –Closed	Cylindrical –Closed
Power Input.(Kw)		1.2	2.7	4.5	5.9	6	7.8	11.8
Power Supply		1 Ph	1Ph	1/3 Ph	3 Ph	3 Ph	3 Ph	3 Ph
Pull Down Time		5 Hr	5 Hr	5 Hr	5 Hr	5 Hr	5 Hr	5 Hr

ROBUST DESIGN | **BEST PERFORMANCE WITH INDIAN WEATHER** | **ONLY COPPER EVAPORATOR**

ID-225/IB-225

ID-325/IB-325

ID-425/IB-425

ID-500/ID-600/IB-500/IB-600

Deep Freezer

Model	Storage Ltr	Size in inch LxWxH	Door	Weight in Kgs (Approx)	Compressor Power (in Watts)*
ID-225	240	38x26x37	1	70	190
ID-325	330	52x26x37	2	90	270
ID-425	415	62x26x37	3	100	285
ID-500	500	72x26x37	3	110	385
ID-600	590	82x26x37	3	125	385

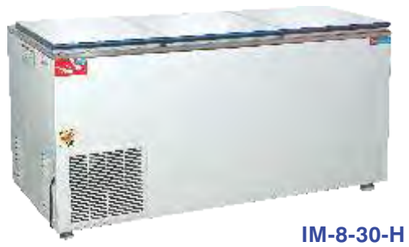
Temperature : -18°C to -22°C
Application For : Ice cream & Frozen Food

Bottle Cooler

Model	Storage Ltr	Size in inch LxWxH	Door	Weight in Kgs (Approx)	Compressor Power (in Watts)*
IB-225	240	38x26x37	1	70	280
IB-325	330	52x26x37	2	90	325
IB-425	415	62x26x37	3	100	525
IB-500	500	72x26x37	3	110	580
IB-600	590	82x26x37	3	125	580

Temperature : 8°C to -2°C
Application For : Cold Drinks, Juice, Dairy Products

Dairy Freeze



IM-8-30-H

Model	Can Ltr	Ltr.	Size in inch LxWxH	Power Consump. per Day
IM-2-30-H	2	215	46x20x36	3.75
IM-4-30-H	4	370	46x30x36	4.00
IM-6-30-H	6	475	58x30x36	4.75
IM-8-30-H	8	580	70x30x36	5.00
IM-10-30-H	10	710	82x30x36	6.50

Temperature : -6°C
Application For : Shikhand, Basundi, Matho, Ras

ICE MAKE® Since 1989

Vertical Cooler

IV-C-500

IV-C 650 / 750

IV-C 1000

Vertical Cooler

Model	Storage Ltr	Size in inch HxWxD	Door	Weight in Kgs (Approx)	Compressor Power (in Watts)*
IV-C-500	480	80X30X30	2	90	525
IV-C-650	660	70X44X28	4	101	525
IV-C-750	750	80X44X28	4	113	580
IV-C-1000-S	1000	84X44X30	4	123	800

Temperature : 8°C to -6°C
Application for :
Restaurant Kitchen Food,
Cold Drinks,
Dairy Products

Under Counter Refrigeration

Temperature : 0°C

Model	Size in inch LXWXH	Door	Compressor Model	Pans 1/6x 100 mm QTC	Pans 1/9x 100 mm QTC
IU-3.0/90	36x24x33	1	KCN 396	2	4
IU-3.5/170	42x28x33	1	KCN 396	2	6
IU-4.0/210	48x28x33	1	KCN 396	3	7
IU-4.5/260	54x28x33	1	KCN 411	3	8
IU-5.0/315	60x28x33	2	KCN 444	4	8
IU-5.5/360	66x28x33	2	KCN 463	5	8
IU-6.0/420	72x28x33	2	KCN 463	6	10
IU-6.5/475	78x28x33	2	KCN 463	6	10
IU-7.0/520	84x28x33	3	KCN 423	6	12
IU-7.5/570	90x28x33	3	KCN 423	7	12

MORTUARY CHAMBER

Ice Make Refrigeration Pvt. Ltd is manufacturing Mortuary Chamber with a complete solution to avoid smell, bacterial and other contamination to cadaverous, which is stored under cool condition to prevent decomposition.

Modular design of Ice Make Mortuary chamber is highly suitable in hospitals, railways, airports, defences etc. Ice Make Mortuary Chamber is PUF insulated with an excellent refrigeration control to prevent decomposition of dead bodies to store forlong period time.

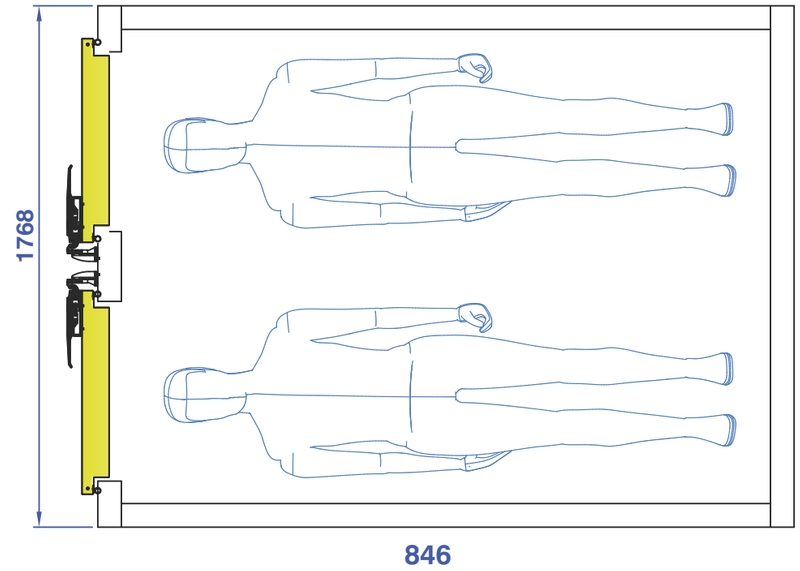
Features:

- Specially design to ensure hygiene
- Easy to clean and maintain
- Flexible to shift everywhere due to light weight
- Environmental friendly cooling system
- Tropicalized for tough weather condition
- Digital temperature indication with microprocessor based controller
- Low maintenance
- Energy Efficient
- Corrosion resistant exterior and interior

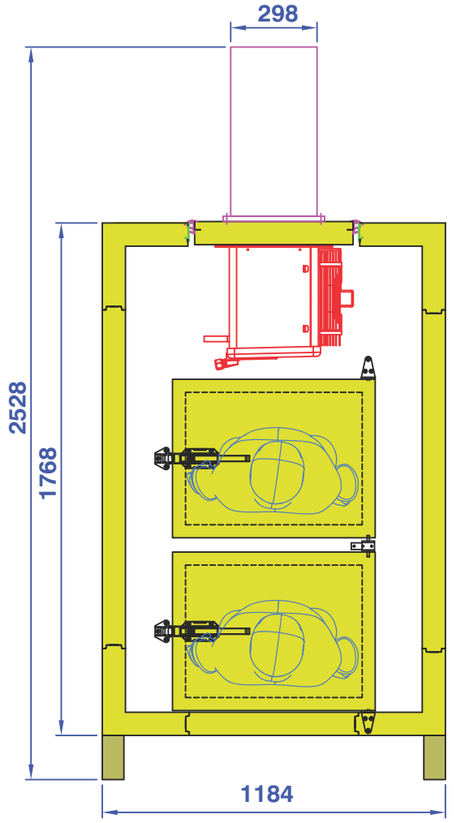
Technical Specifications

Sr. No.	Specification	Descriptions		
1.	Model	MCH-1	MCH-2	MCH-4
2.	Storage Capacity	1 Body	2 Body	4 Body
3.	Outer Size(LXWXH)	93” x 29” x 26”	93” x 47” x 66”	93” x 70” x 66”
4.	Type	Static Type	Forced Draft	Forced Draft
5.	Material of Construction	Outer Pre Coated G.I.Sheet, Top structure Aluminium With Glass, Inner High grade S.S - 304 hot dipped MS structure with S.S Trays		
6.	Temperature	0 °C		
7.	Door	Flush type & Overlap type door with heavy duty Hinges & Handles with closer along push type gasket with easy operation Size: 24” X 24”, 32” X 32”		
8.	Castors	Sturdy castors		
9.	Locks	Individual Locks & Key for each doors		
10.	Refrigeration System	Mono block type, CFC free refrigerant for low maintenance		
11.	Control Panel	Digital temperature display with microprocessor based controller		
12.	Lights	Vapour proof lights		

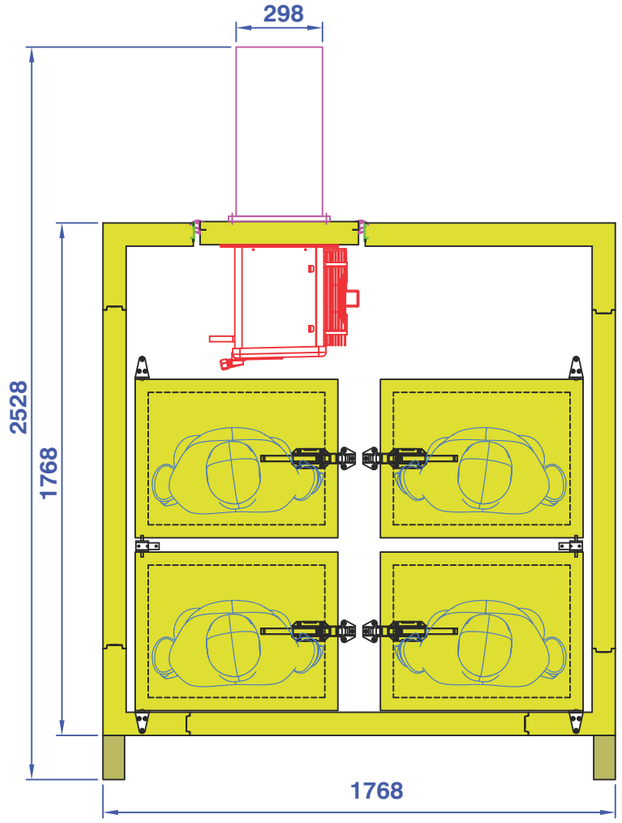
4 Body Top View



2 Body Front View



4 Body Front View



Pharma

Dairy - Icecream

OUR VALUED CLIENTS

ICE MAKE Since 1989

Corporate and Institution

Bakery and Hospitality Industry

INDUSTRIES WE SERVE


Dairy Product Industry


Ice Cream Industry


Food Processing Industry


Agro Industry


Horticulture / Floriculture Industry


Hotel - Restaurant


Retail Outlet for Dairy - Ice Cream


Hospitality Industry


Pharmaceutical Industry


Plastic Industry


Chemical Processing Industry


Biological / Research


Logistic


Seed Industry


Renewable Energy industries

PROJECT DETAILS

Bombaywalla Puranpoli Pvt. Ltd.

Product : Ready to Eat Frozen Food
Product Range : Blast Chiller, Blast Freezer & Cold Storage.
Storage Capacity Apx : 700 Mt
Location : Ahmedabad

Areba Food Products Pvt. Ltd.

Product : Ready to Eat Frozen Food
Product Range : Blast Chiller, Blast Freezer & Cold Storage.
Storage Capacity Apx : 185 Mt
Location : Indore

Vadera Tread Link Pvt. Ltd.

Product : Multi Commodity
Product Range : Multi Storey Cold Storage
Storage Capacity Apx : 4000 MT
Location : Barmer, Rajasthan

Kitchen Express Ltd.

Product : Spices & Grocery
Product Range : Multi Storey Cold Storage
Storage Capacity Apx : 2500 MT
Location : Ahmedabad

Prime Customer Solutions

Product : Fruits-Vegetables, Flowers
Product Range : Pre-Cooling & Ripening Chambers, Packing room then multi storey...
Storage Capacity Apx : 200 MT
Location : Ahmedabad

Hansaraj Exports

Application : Fruits Storage
Product Range : Multi Storey Cold Storage
Storage Capacity Apx : 1500 MT
Location : Jammu

NOTE

NOTE

OUR INFRASTRUCTURE

- **CNC PUF Dispensing Machines**
  Cannon-Italy Made A-200 : 1 Machine
  SAIP-Italy Made S-60 : 3 Machine
  Poly Craft Made HP 100 : 1 Machine
- **PUF Panel Press**
- **Fabrication Line**
- **Panel Packing Machine**
- **CNC Roll Forming machine**
- **CNC Punching Machine (Tarret)**
- **CNC Bending Machine**
- **Roll Forming machine**
- **Corner Panel Press**
- **Searing Machine**
- **Searing Machine**
- **Mig-Argon-Arc-Gas-Spot-Stud Welding Machine**
- **Pneumatic Tools**
- **Pneumatic Tagger Machine**
- **Galileo-make Vacuum Pump**
- **Charging Unit**
- **Leak Detector**
- **Automatic Cut to Length**
- **Powder Coating Shop**

Our Q.C. Laboratory is well equipped to give the test report for different stages of Refrigeration & Insulation

NETWORK

ICE MAKE® Since 1989

Export In Other Country

USA, UGANDA, KENYA, NEPAL, JAPAN, LIBYA, ZAMBIA

ALGERIA, UAE, NIGERIA, SRILANKA, BHUTAN, BAHRAIN, TANZANIA

MADAGASCAR, MALDIVES, MAURITIUS, SEYCHELLES, SIERRA LEONE, CONGO, BANGLADESH