



Ice & Refrigeration



www.termodizayn.com

The Strongest Link
of the Cold Chain

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“We look ahead to ar



Our company has started its commercial activities in year 1987 as a family company ; our company has taken its first steps into becoming corporate as TERMODIZAYN in year 2000. The company was established by experts on the subject using purely domestic capital and, it has continued its "cooling systems, manufacturing, installation and service" activities since its establishment developing them until today.

TERMODIZAYN has developed its products throughout time and has reached a position whereby it was able to export the products abroad. Our company has adopted the principle of total quality and has completed its studies on quality certificates.

TERMODIZAYN offers its products with CE labels since mid-2005. As a result of the quality and export efforts

TERMODIZAYN products have reached a wide range of sales in the European, Asian, Arab and African countries.

TERMODIZAYN particularly possesses a different position among its competitors in terms of tropical climate conditions and industrial designs.

TERMODIZAYN is a company today serving in an closed area of 1500 m2 and the domestic and international sales and service points of which is developing each passing day.

TERMODIZAYN is working with a focus on customer satisfaction and is carrying its quality level every passing day



Güray ÜRKMEZ
General Manager

Anticipate your needs™



The fresh water ice machines that are land type and are used in the land are produced in too different models, with a capacity range of 1tonne/day and 60tonne/day as a standart.

It can operate smoothly under tropical conditions. It is quiet and has a high efficiency. Thanks to its vertical type ice evaporator it produces hygienic ice and can work non-stop. The drums versions available in Vertical type evaporator. The refrigeration equipments that are used are in European norms and consist of high-quality equipments.

- Ice generator with air-cooled condenser, optional with water-cooled
- Including gear motor, water pump and optionally salt mix pump control box
- Ice knife and construction are made of stainless steel
- Base is made of anti corossive painted steel
- Ice drum is made of Al/Chrome plated Garbon steel
- Fitted with semi-hermetic or screw compressors
- Refrigerant R404a, R507a or R22
- Higher condenser and fan capacity to calculate for use under extreme circumstances



Model	Ice Capacity (Kg/24h)	Cooling Capacity (Watt)	Power Input (Hp)	Comp. Displacement (m³/h)	Approx. Weight (~Kg)
F05A	500	3.470	5	28 m³/h	210 Kg
F10A	1.000	7.100	5	28 m³/h	210 Kg
F30B	3.000	18.100	12	56 m³/h	700 Kg
F50B	5.000	33.500	25	102,9 m³/h	1.500 Kg
F100B	10.000	50.300	40	154,4 m³/h	2.170 Kg
F150C	15.000	100.600	2x40	2x154,4 m³/h	3.700 Kg
F200C	20.000	100.600	2x40	2x154,4 m³/h	4.600 Kg
F250C	25.000	100.600	2x40	2x154,4 m³/h	4.600 Kg
F300C	30.000	100.600	2x40	2x154,4 m³/h	4.600 Kg

"Vessel" type ice machines are designed in a way that they can tolerate the shake and wobble of the vessels and especially the corrosive environments of the marine. The machines that produce ice with the water that it takes from the sea and its condenser is sea water cooled are being produced in four different models. The ice production capacity range is between 1500kg and 7500 kg of ice per day range. The evaporators are vertical type evaporators and the models with a capacity of 1,5 Tonne and 3Tonne/day can be produced with a horizontal type evaporator on demand.

- Designed for production on board of seagoing vessels
- Stainless steel SUS 316L ice drum and ice knife for use of sea water
- Special internal finishing of the drum to make the water stick to the drum
- Vessel ice generator with seawater-cooled condenser
- Including gear motor and seawater pump
- Base is made of stainless-steel
- Semi hermetic high quality compressors
- Refrigerant R404a, R507a or R22



Model	Ice Capacity (Kg/24h)	Cooling Capacity (Watt)	Power Input (Hp)	Comp. Displacement (m ³ /h)	Approx. Weight (~Kg)
SFM 10	1.000	6.250	7	33 m ³ /h	800 Kg
SFM 30	3.000	18.750	18	75 m ³ /h	1.100 Kg
SFM 50	5.000	31.250	30	129,1 m ³ /h	1.250 Kg
SFM 75	7.500	46.875	50	186 m ³ /h	1.600 Kg



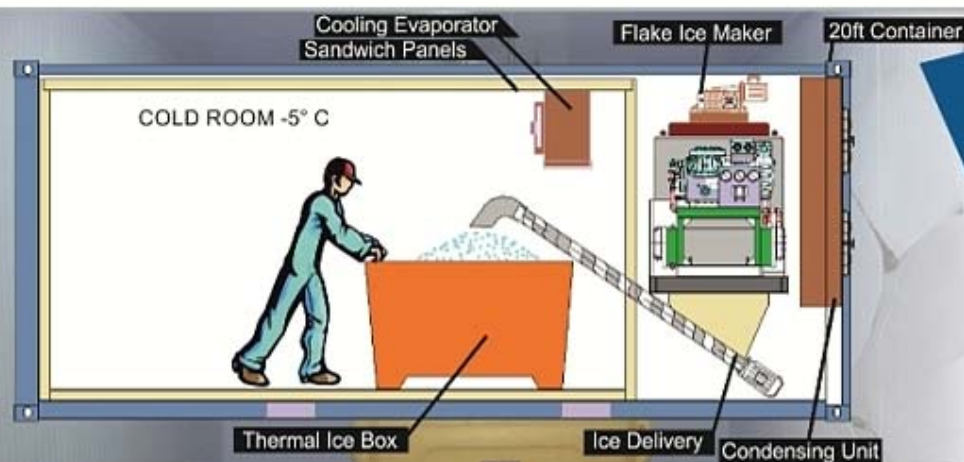


You can move, put and rent THERMODESIGN container type flake ice units wherever you want as they are portable. The fact that they are portable offers you many advantages. The major advantage is that it is designed compactly together with a cold storage depot and a device. A stainless steel spiral transponder system that allows the transfer of the ice to the cold storage depot is a standart accessory.

It operates smoothly under tropical conditions. It is running quietly and has a high efficiency. It can produce hygienic ice thanks to the vertical type ice evaporator and it can work non-stop. The cooling equipment that are used are according to European norms and consists of high-quality equipments.

Insulation, volume that is sufficient for the needs, a storage that is proper to the product that wants to be stored and a proper cooling system. It has been agreed that the most suitable material for insulation are the panels that are filled with polyurethane. The cost of energy is very high in some countries, if the insulation is not done correctly in a cold storage depot, the desired efficiency and the desired conditions can never been achieved even if the best devices are used and the operating cost increases.

TERMODIZAYN considering this point, is offering its cooling system to your use together with the right insulation and panels which can provide the cooling system that are being developed especially for the ice storage depot.



Model	Container Size (ft')	Ice Capacity (Kg/24h)	Cooling Capacity (Watt)	Power Input (Hp)	Comp. Displacement (m³/h)	Approx. Weight (~Kg)
MF-3T-20FT	20 ft	3.000	18.100	15	56 m³/h	2.750 Kg
MF-3T-40FT	40 ft	3.000	18.100	15	56 m³/h	4.700 Kg
MF-5T-20FT	20 ft	5.000	33.500	25	102,9 m³/h	3.250 Kg
MF-5T-40FT	40 ft	5.000	33.500	25	102,9 m³/h	5.200 Kg

Ice Storage With Rake System:

For the containerized automatic ice storage for flake or plate ice Thermodesign offers pre-engineered and refrigerated standardized ice storage solutions in capacities from 7 tons of ice to 35 tons of ice.

For the modular automatic ice storage for flake or plate ice Thermodesign offers refrigerated standardized ice storage solutions in capacities from 7 tons of ice to 150 tons of ice.

Ice Storage With Screw System:

For the containerized stainless steel automatic flake ice storage with screw outlet system based on a first-in first-out principle, Thermodesign offers pre-engineered and refrigerated standardized ice storage solutions in capacities from 1 tons of ice to 3 tons of ice.

Rake System



Screw System



Model	Ice Storage Bin Capacity (Tons)	Exterior Dimensions L x W x H			Type	Approx. Weight (~Kg)
		Lenght	Width	Height		
SCREW SYSTEM						
SCR-SILO-01	1	1.690 mm.	960 mm	2.900 mm	Monoblock	600 Kg
SCR-SILO-03	3	2.000 mm.	1.800 mm	3.500 mm	Monoblock	1.700 Kg
RAKE SYSTEM						
RAK-SILO-8	7	6.058 mm.	2.438 mm	2.896 mm	Containerized	7.500 Kg
RAK-SILO-18	18	12.192 mm.	2.438 mm	2.896 mm	Containerized	12.500 Kg
RAK-SILO-35	35	12.192 mm.	3.530 mm	3.715 mm	Combined Type	21.000 Kg
RAK-SILO-50	50	12.192 mm.	4.130mm	4.195 mm	Combined Type	24.000 Kg
RAK-SILO-70	70	15.000 mm.	5.191 mm	4.195 mm	Combined Type	39.000 Kg
RAK-SILO-100	100	15.000 mm.	5.191 mm	4.965 mm	Combined Type	42.000 Kg
RAK-SILO-150	150	15.100 mm.	5.291 mm	6.965 mm	Combined Type	57.000 Kg





You can move, put and rent THERMODESIGN container type flake ice units wherever you want as they are portable. The fact that they are portable offers you many advantages. THERMODESIGN block ice machine have a more useful, dynamic and intelligent design compared to others. It lets you produce ice blocks by pressing the ice that is produced by the flake ice machine. You can change the height of the block ice provided that the width and the height is fixed as you wish, this property is the most important feature of our product distinguishing our product from the others. In this way, only by making a difference at the time setting, you can produce same ice blocks with ice machines with different capacities.

Clean & Hygienic
 Fast & Easy Useful
 No Mould & No Glycol
 Changeable Ice Dimensions
 New Design & New Ice Technology
 Produces blocks of consistent size, shape, and weight
 Uses flake ice or block
 Blocks stack perfectly in freezers and merchandisers
 Hydraulically activated system
 Convenient "maintainability"
 Block ice size: 15 x 15 x 30 cm. 5kg
 Block ice size: 20 x 20 x 50 cm. 15kg.
 Block ice size: 25 x 25 x 50 cm. 23kg.
 One-man operation

Model	Daily Ice Capacity (Kg./Day)	Blocks Per Day (Qty.)	Block Weight (Kg)	Block Size (Cm)	Compressor Input Power (HP)	Power Consumption (Kw./h)
BLOCK-MB-CP-3T	3.000 Kg.	650 pcs	4,5 Kg.	15x15x30	15	8
BLOCK-MB-CP-5T	5.000 Kg.	1.100 pcs	4,5 Kg.	15x15x30	25	18
BLOCK-MB-CP-10T	10.000 Kg.	440 pcs	23 Kg.	25x25x48	40	37



Block ice is an ice type created by immersing cans filled with fresh water in a brine tank. The temperature of the brine is -12°C , which causes the water to freeze into solid blocks with a temperature of -5°C . Block ice is mostly used for (sea)food cooling. One of the reasons for block ice's popularity is the fact its form allows an easy handling. It can be easily transported for a long distance without refrigerated vehicles. Thermodesign block ice machines are made for commercial and industrial application and have been designed to produce clean and fresh block ice in a trouble free manner. For more information about block ice machines and possible options, please feel free to contact us.

- Ice blocks of 15, 20, 25 or 50 kg
- Refrigerant R404a, R507a, R717 or R22



Model	Daily Ice Capacity (Kg./Day)	Blocks Per Day (Qty.)	Block Weight (Kg)	Block Size (Cm)	Cooling Capacity Kw (-15/+43)	Power Consumption (Kw./h)
BLOCK-MB-BR-5T	5.000 Kg.	200 pcs	25 Kg.	15x15x30	35	16
BLOCK-MB-BR-8T	8.000 Kg.	320 pcs	25 Kg.	15x15x30	54	23
BLOCK-MB-BR-10T	10.000 Kg.	400 pcs	25 Kg.	25x25x48	70	32





THERMODESIGN block ice machine have a more useful, dynamic and intelligent design compared to others. It lets you produce ice blocks by pressing the ice that is produced by the flake ice machine. You can change the height of the block ice provided that the width and the height is fixed as you wish, this property is the most important feature of our product distinguishing our product from the others. In this way, only by making a difference at the time setting, you can produce same ice blocks with ice machines with different capacities.

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 One-man operation

Model	Daily Ice Capacity (Kg./Day)	Blocks Per Day (Qty.)	Block Weight (Kg)	Block Size (Cm)	Compressor Input Power (HP)	Power Consumption (Kw./h)
BLOCK-CP-3T	3.000 Kg.	650 pcs	4,5 Kg.	15x15x30	15	8
BLOCK-CP-5T	5.000 Kg.	1.100 pcs	4,5 Kg.	15x15x30	25	18
BLOCK-CP-10T	10.000 Kg.	660 pcs	15 Kg.	20x20x48	40	37
BLOCK-CP-10Ts	10.000 Kg.	440 pcs	23 Kg.	25x25x48	40	37
BLOCK-CP-15T	15.000 Kg.	1.000 pcs	15 Kg.	20x20x48	2x40	70
BLOCK-CP-15Ts	15.000 Kg.	650 pcs	23 Kg.	25x25x48	2x40	70
BLOCK-CP-20T	20.000 Kg.	860 pcs	23 Kg.	25x25x48	2x40	75

THERMODESIGN block ice compactors have a more useful, dynamic and intelligent design compared to others. It lets you produce ice blocks by pressing the ice that is produced by the flake ice machine. You can change the height of the block ice provided that the width and the height is fixed as you wish, this property is the most important feature of our product distinguishing our product from the others. In this way, only by making a difference at the time setting, you can produce same ice blocks with ice machines with different capacities.

Clean & Hygienic

Fast & Easy Useful

No Mould & No Glycol

Changeable Ice Dimensions

New Design & New Ice Technology

Produces blocks of consistent size, shape, and weight

Uses flake ice or block

Blocks stack perfectly in freezers and merchandisers

Hydraulically activated system

Convenient "maintainability"

Block ice size: 15 x 15 x 30 cm. 5 kg

Block ice size: 20 x 20 x 50 cm. 15 kg.

Block ice size: 25 x 25 x 50 cm. 23 kg.

One-man operation



Model	Max. Block Weight (Kg.)	Block Size (Cm.)	Compressor Input Power (HP)	Power Consumption (Kw./h)
COMPAC 04	4,5 Kg.	15x15x30	15	8
COMPAC 15	16 Kg.	15x15x30	25	18
COMPAC 23	25 Kg.	25x25x48	40	37





Slurry ice is made up of millions of ice 'micro-crystals'. The small ice particle size results in a greater heat transfer area than other types of ice and as a result, faster cooling. It is commonly used in a wide range of industries, such as packaging, supermarkets, cooling and storage of fish, produce, poultry and other perishable products. The slurry ice produced by ThermoDesign machines is sub-cooled to -2°C . It is also known as liquid ice, fluid ice and the like. Each method has its own unique features and advantages. It penetrates to the innermost parts of the product that is being cooled and it does not only provide cooling on the surface but provides an internal cooling. It is manufactured in four different models 5T to 35T. Ice tanks and pump systems are priced individually.

- Efficient heat exchange and minimal salinity
- SL-series evaporators are made of stainless steel SUS 316L
- Seawater can be used directly for ice making
- High refrigeration efficiency with low power input
- Compact unit and pump-able ice
- Optional stainless steel pump, PE ice storage tank or agitating water tank
- Fast product "chill down" for increase of quality and hygiene
- Ice density around 40% – 70%

Model	Production Capacity (T/24h)	Refrigeration Capacity (Kw.)	Power Consumption (Kw./h)	Approx. Weight (~Kg.)
SIM50A	5	7,5	5	900
SIM100A	10	15	10	1.400
SIM150A	15	22,5	15	1.800
SIM200A	20	30	20	2.400



As the living conditions of the human beings is improved, the need for ice is increased parallel to this. The ice cubes are odorless and clean that are created from clean and fresh water by freezing them and they are in compliance with the prescribed health standards. It produces ice in tube shape which can be eaten directly or used to cool drinks and to used in cold food.

Tube ice is mainly used for consumption, has a hollow tube shape and is transparant, hard and powderless. There are several possible dimensions for ThermoDesign's tube ice machines. Our machines are made for industrial application and have been designed to produce fresh and clean tube ice in a trouble free manner. Compared with flake ice, tube ice has a longer melting time.

- Produces ice in tube shape with outer dimensions of 22, 29, 35 & 41 mm
- Parts contacting the water are made of stainless steel SUS304 or SUS316
- Refrigerant R404a, R507a or R22



Model	Production Capacity (T/24h)	Refrigeration Capacity (Kw.)	Ice Diameter (mm.)	Power Consumption (Kw./h)	Approx. Weight (~Kg.)
TUBE10	1	5,6	29	4	850
TUBE30	3	16,6	29	9	1.250
TUBE50	5	30	29	16	1.550
TUBE100	10	60	29	32	2.600
TUBE150	15	90	29	45	3.700





Flake ice is usually made up of large, flat, thin pieces of ice and is mainly used in the fishing and concrete cooling industries.

Thermodesign flake ice machines are made for commercial and industrial application and have been designed to produce clean and fresh flake ice and sea water flake ice in a trouble free manner. The flake ice produced by Thermodesign machines is sub-cooled to $-5^{\circ}\text{C}/-9^{\circ}\text{C}$. Due to the high amount of energy accumulation the ice will last much longer than other types of ice used for preserving fish. In addition, the shape of flake ice offers a large surface area whereby the product is cooled rapidly. The thickness of the ice will be around 2 mm. The firmness of the ice can be adjusted by adding salt to the water. To facilitate this a special salt mixing pump and reservoir are optional. However it is not necessary to add salt into the fresh water to produce ice. Our machines are manufactured to produce ice without salt (fresh water flake ice) and with sea water models. The machines can be fitted with either an air- or water-cooled condenser.

- Easily integrated into (central) refrigeration plants
- Refrigerant R717, R404a, R507a or R22
- Ice production and refrigeration equipment can be located separately
- Includes base plate, ice knife and internal rotating mechanism
- With heavy duty gear motor and switch board

Model	Ice Production Capacity (Kg./24 Hour)	Required Cool. Capacity (Watt)	Evaporation Temp. (Celcius)	Reducer Motor Power (kW.)	Water Pump Power (Watt)	Approx. Weight (~Kg)
FRESH WATER SERIE						
F05E	500	2.900	-22 C	0,18	14	96
F10E	1.000	5.800	-22 C	0,18	14	108
F20E	2.000	11.600	-22 C	0,37	25	220
F30E	3.000	17.400	-22 C	0,37	25	230
F50E	5.000	29.000	-22 C	0,37	125	550
F100E	10.000	58.000	-22 C	0,75	250	980
F150E	15.000	87.000	-22 C	0,75	400	1.690
F200E	20.000	116.000	-22 C	1,10	400	2.634
F250E	25.000	145.000	-22 C	1,10	750	3.588
F300E	30.000	174.000	-22 C	1,10	750	3.980
SEA WATER SERIE						
SF30E	3.000	18.000	-29 C	0,37	90	240
SF50E	5.000	30.000	-29 C	0,55	130	550
SF75E	7.500	45.000	-29 C	0,55	130	685

The mobile shops which can operate under the conditions of of four-seasons and which are presented ready to use are being manufactured in different models according to the needs of the customers. Fully-equipped shops which are key-ready are waiting for you all, for fishermen, for chicken vendors, for butchers, for fruit and vegetable vendors, ice-cream parlors, delicatessen shops and mini-grocery stores.

You can carry and transport Termoizayn mobile shops wherever you want to or you can rent them. Electricity and water connection is sufficient. It does not require installation. It is presented ready to use.

It is easy to carry and transport them. It has been designed in dimensions to fit into the international containers. All the accessories inside have been fitted with the maximum quality equipments and there is everything what the user needs. It contains all accessories, everything from scales to a set of knives, from cold store to the shelves.

Termoizayn mobile shops are in compliance with the hygiene standards and it provides an indispensable and offers a pleasant shopping for your customers.



Model	Container Size (Cm.)	Power Consumption (kW/h)	Power Supply (V/Hz.)	Approx. Weight (~Kg)
MOBILE SHOP 20	220x580x240	3,5	220V / 50hz	3.500
MOBILE SHOP 40	220x1.180x240	5,5	220V / 50hz	5.500





Due to the fact that the container type Leaf Ice THERMODESIGN is portable, you can put it anywhere because it is portable, you can move it or hire it, the fact that it is portable offers you many advantages. The assembly and disassembly of fixed type panel cold storage depots is quiet costly and it will be deformed when more than one dismantling is carried out, therefore many business owners, and especially fishing companies prefer portable container type cold storages.

THERMODESIGN portable container type cold storage is suitable for international container transport standards and it does not have any machine ridges except the container dimensions, for that reason it provides ease of handling provided for this reason the machine does not have tabs. It is also possible to produce it in special sizes.

The net passage door gap on the panel insulation is 90cm.x190cm. There is clear passage. The visible material of the insulation panels is polyester painted galvanized sheet.

The cooling devices on top of it can operate smoothly even under Sahra-type tropical conditions. The compressors are double-level special deep freeze compressors. Basically it is produced in 3 different models.



Type (Model)	Refrigeration Capacity (Watt)	Freezing Capacity (Kg./12h)	Power Input (HP)	Compressor Type (Compressor)	Exterior Dimensions (W x L x h)	Approx. Weight (~Kg.)
MBS 20FT-S	29.000	2.950	1x40 HP	Double Stage S.H.	20ft Container	4.300
MBS 40FT-M	29.000	2.950	1x40 HP	Double Stage S.H.	40ft HC Container	7.850
MBS 40FT-L	58.000	5.900	2x40 HP	Double Stage S.H.	40ft HC Container	11.500

Due to the fact that the container type cold storages THERMODESIGN is portable, you can put it anywhere because it is portable, you can move it or hire it, the fact that it is portable offers you many advantages. The assembly and disassembly of fixed type panel cold storage depots is quiet costly and it will be deformed when more than one dismantling is carried out, therefore many business owners, and especially fishing companies prefer portable container type cold storages.

THERMODESIGN mobile container type cold storage is suitable for international container transport standards and it does not have any machine ridges except the container dimensions, for that reason it provides ease of handling provided for this reason the machine does not have tabs. It is also possible to produce it in special sizes.

The net passage door gap on the panel insulation is 90cm.x190cm. There is clear passage. The visible material of the insulation panels is polyester painted galvanized sheet.

The cooling devices on top of it can operate smoothly even under sahara type tropical conditions. Basically it is produced in 3 different models. These three models are produced options as 10ft, 20ft and 40ft models. All are double regime +5C to -23C



Tip (Type)	Temperature Range (Celcius)	Refrigeration Capacity watt (-10 Evap)	Refrigeration Capacity watt (-30 Evap)	Power Input (HP)	Energy (Power Supply)	Exterior Dimensions (W x L x h)	Approx. Weight (~Kg.)
REFER 10FT	+4C to -23C	3.000 w.	2.177 w.	2,5 HP	220V/50hz.	10ft Container	2.250
REFER 20FT	+4C to -23C	10.000 w.	4.000 w.	4 HP	380V/50hz.	20ft Container	3.000
REFER 40FT	+4C to -23C	14.500 w.	5.950 w.	6 HP	380V/50hz.	40ft Container	5.400





There are four main elements for a good cold storage that the world literature have agreed in common. Insulation, volume that is sufficient for the needs, a storage that is proper to the product that wants to be stored and a proper cooling system. The essential element for these is carrying out the right insulation, but it has been agreed that the most suitable material for insulation are the panels that are filled with polyurethane. To date, many materials have been used for insulation in the last 10 years is no longer the most suitable material is polyurethane panels is concluded. The cost of energy is very high in our country, if the insulation is not done correctly in a cold storage depot, the desired efficiency and the desired conditions can never been achieved even if the best devices are used and the operating cost increases.

The cooling devices can operate smoothly even under sahara type tropical conditions. Basically it is produced industrial and commercial size.

All devices include cabled remote control panel. It is shipped ready to be installed, including electricity panel and all automatic control components.

In our cooling units which are not limited only to the device design, air circulation, evaporator and condenser surfaces are extremely important. In particular, the most commonly experienced problem is the inadequacy of the machines in warm weathers, becoming inoperable. This problem has been overcome in thermodesign units, and it has a different productivity quality, when compared to other companies' products.

It is compatible with European Union norms and produced with CE label.

TERMODIZAYN considering this point, is offering its cooling system to your use together with the right insulation and panels which can provide the cooling system that are being developed especially for the cold storage depot.



Thermodesign CW-Series water chillers are a 'must-have' for concrete cooling plants, especially for plants with flake ice machines, due to high ambient temperatures. Even in situations where flake ice machines are not necessary, water chillers can be very important for reducing the concrete mix temperature.

Thermodesign's water chillers are designed and built specifically for batching and flake ice plants in extreme circumstances, such as deserts and locations with ambient temperatures above 45 degrees Celsius.

Our water chillers have a cold water production from maximum 45 °C to 1 °C and are built in a 20 container or chassis. These chillers are suitable for an estimated concrete production. Additionally, Thermodesign Ice Systems can supply a 20ft or 40ft insulated container, which will be used as a water tank with the necessary pumps and components.

Concrete cooling is a technique that reduces the temperature of poured concrete to a certain level, in order to guarantee the quality of the concrete. Concrete cooling is mainly used for projects in parts of the world with warm climates, where large amounts of concrete are used. When concrete cures, a minimum favorable temperature in the range of 10 – 21 °C must be maintained in the concrete for the minimum required curing period. If it cures at temperatures above this level the concrete loses strength, more cracking occurs, it rapidly sets and there is an increased water demand. Therefore, the importance of concrete cooling is huge, especially considering the crucial role concrete plays in almost every building process.

A method commonly used for concrete cooling is to replace part of the water added to the mix with flake ice. The transition from flake ice to water absorbs a lot of energy and therefore lowers the temperature of the mix significantly.

Using flake ice has a much bigger impact on the temperature of the concrete mix, compared to using cold water, due to the large amount of heat that is needed to melt the ice. To cool down 1 m³ of concrete by 1 °C, about 33kg of cold water is necessary, while only 7.5kg of flake ice has the same effect.

To use this method, an ice plant is built near the construction site. An ice factory consists at least of a flake ice machine and an ice storage. Often transport, weighing and dosing systems are also in place.

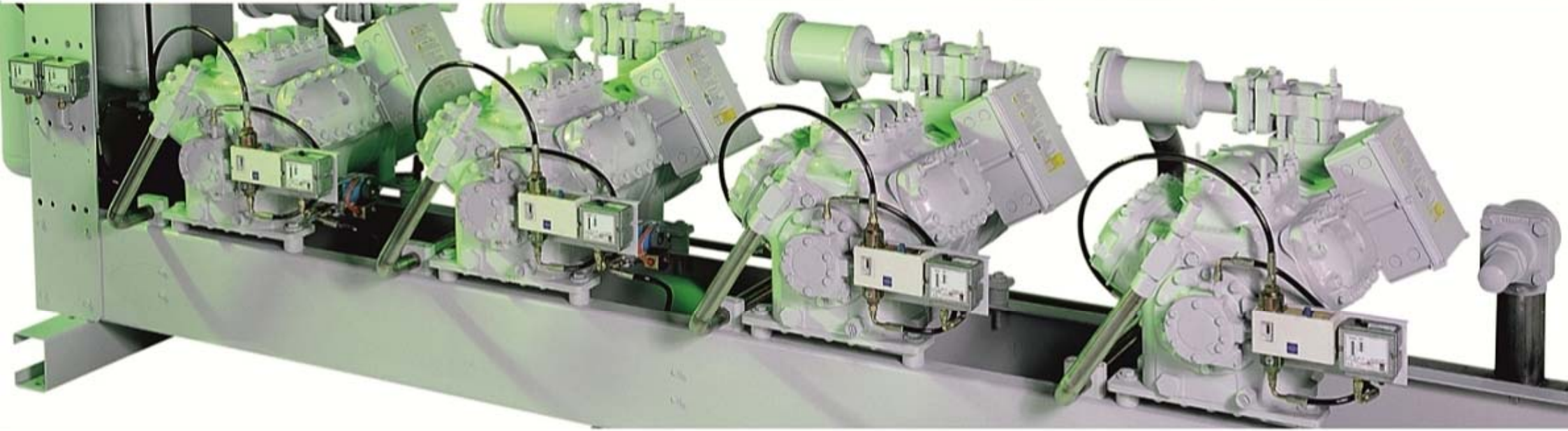
The complete factory only takes limited space, because the production and storage units are placed on top of each other.



Unit Type (Code)	Water Cooling Capacity (Kg/h)	Refrigeration Capacity (Kw.)	Evaporation Temp. (Celsius C)	Water Temp. (In/Out C)	Nominal Compressor Input Power (HP)	Chassis Type (Type)	Approx. Weight (~Kg.)
CW-3	230	7,9	0C	+25 / +2	3	Steel Cons.	450
CW-5	450	15	0C	+25 / +2	5	Steel Cons.	950
CW-9	700	24	0C	+25 / +2	9	Steel Cons.	1.200
CW-12	950	32,5	0C	+25 / +2	12	Steel Cons.	1.750
CW-20	1.300	43,3	0C	+25 / +2	20	Steel Cons.	2.200
CW-35	2.400	79,8	0C	+25 / +2	35	Steel Cons.	2.500
CW-50	3.600	120	0C	+25 / +2	50	20ft	3.800
CW-70	5.000	166	0C	+25 / +2	70	20ft	4.000
CW-80	6.000	200	0C	+25 / +2	2x40	20ft	5.000
CW-120	8.400	280	0C	+25 / +2	2x60	40ft HC	12.800
CW-190	12.000	410	0C	+25 / +2	190	40ft HC	13.000
CW-250	17.000	565	0C	+25 / +2	250	40ft HC	14.000



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