

Direct refrigeration block ice machine

In order to fulfill the demands of ice for human consumption or the food grade ice, Focusun™ has been practicing in the direct refrigeration technology for years.

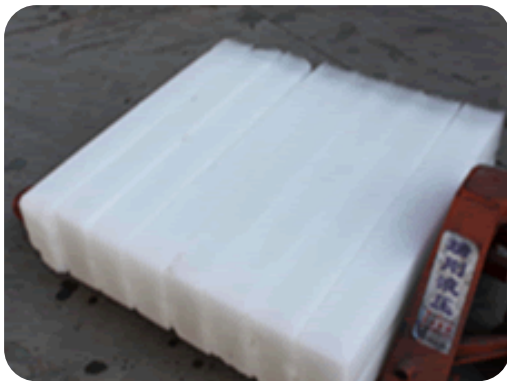
Differed from the brine refrigeration, the direct refrigeration block ice machine is producing ice blocks in the SUS304 stainless steel evaporator. The material SUS304 is totally compliant with the food safety requirements in many countries. In addition to its hygienic advantage, the expectancy of usage can be extended due to its property of rust resistance.



Focusun™ has also developed a reliable ice distributing system. With high degree customizability, we offer multiple solutions to clients with diverse needs.

Equipment Features:

- Pneumatic crawler conveying system, maximizing the protection to the ice blocks during harvesting.
- SUS304 stainless steel, outstanding durability, totally compliant with the food hygienic standards.
- Bitzer compressor offers abundant compressing power and guarantees producing ice in the shortest period with the least energy consumption.
- Proven performance secured by world top brands, Siemens, Schneider, Danfoss, etc.
- Module design, the whole set consists of machine unit module, evaporator module, and cooling tower module; easy to ship and install; evaporator module can contain several parts in terms of capacity.



Direct refrigeration block ice machine technical parameter

Model	Capacity	Refrigerant	Electricity consumption	Installment power	Operating weight	Dimension
--	Ton/D	--	Kw	Kw	Kg	mm
FIB-05	0.5	R22/R404A	2.055	2.5	560	1500×800×1800
FIB-10	1.0	R22/R404A	4.850	6.0	960	1800×1200×2000
FIB-15	1.5	R22/R404A	6.940	8.5	1260	2800×1200×2000
FIB-20	2.0	R22/R404A	8.160	10.0	1460	2800×1400×2000
FIB-25	2.5	R22/R404A	9.510	12.0	1660	3200×1400×2000
FIB-30	3.0	R22/R404A	11.520	14.0	2180	3600×1400×2200
FIB-35	3.5	R22/R404A	14.850	18.0	2100	3600×1650×2000
FIB-50	5.0	R22/R404A	20.900	25.0	Unit	L1400×W1000×H1250
					Evaporator	L4800×W1000×H2250
					Cooling tower	Φ1380×H2170
FIB-100	10.0	R22/R404A	33.980	50.0	Unit:1680	L1800×W1000×H1450
					Evaporator:2860×2	L4800×W1000×H2250
					Cooling tower:670	Φ2000×H2410
FIB-150	15.0	R22/R404A	59.150	75.0	Unit:2160	L2000×W1200×H1600
					Evaporator:2860×3	L4800×W1000×H2250
					Cooling tower:1120	Φ2175×H2565
FIB-200	20.0	R22/R404A	85.550	105.0	Unit:2896	L2400×W1600×H1800
					Evaporator:2860×4	L4800×W1000×H2250
					Cooling tower:1300	Φ2650×H2645
FIB-250	25.0	R22/R404A	94.050	120.0	Unit:3260	L3200×W1800×H2200
					Evaporator:2860×5	L4800×W1000×H2250
					Cooling	Φ3050×H2780

					tower: 1630	
FIB-300	30.0	R22/R404A	113.550	150.0	Unit:3500	L3000×W2000×H2200
					Evaporator: 2860×6	L4800×W1000×H2250
					Cooling tower: 2730	Φ3300×H2785
Standard condition: Dry ball temperature is 33 °C and water inlet temperature is 20°C.						