

CBFI

eco-friendly and high
efficient direct cooling
ice block machine

CBFI[®]
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Direct cooling ice block machine

Direct cooling ice block machine is a kind of ice block making equipment. Its evaporator is made from high efficient thermally conductive aluminum alloy, which exchanges heat with refrigerant directly and efficiently, with low freezing temperature, high speed of ice making and low speed of ice melting. The machine has high degree of automation, supplying water automatically, making ice automatically, and deicing automatically without any manual operation. What's more, it operates safely and is eco-friendly with no need for any brine or changing of ice mold which has long service time. And the ice is clean and healthy, reaching edible standard. In addition, it covers little space owing to its modular design and is easy to install and operate for it can make ice once being connected to water source and electricity.



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Advantages of direct cooling ice block machine



Efficient heat exchange, eco-friendly and safe.



Supply water and deice automatically.



Clean and healthy ice block reaching edible standard.

Equipment Parameter

Direct Evaporating Type Ice Block Machine Parameters

Model	Cooling Capacity /KW	Power /KW	Lift Motor /KW	Weight of Ice /KG	Ice Size (L*W*H)/MM	Machine Size	
ABI10	12.02	4.22	2.2	5	120*100*500	2600*1100*2000	
				10	240*100*500	2600*1100*2000	
ABI20	22.9	7.7	3	5	120*100*500	2700*1510*2000	
				10	240*100*500	2700*1510*2000	
ABI30	30.9	10.33	4	10	240*100*500	3100*1650*2000	
				15	280*120*500	3400*1725*2000	
ABI50	61.8	20.5	5.5	20	260*120*730	4350*2310*2250	
				25	320*120*730	4500*2165*2250	
Model	Cooling Capacity /KW	Power /KW	Lift Motor /KW	Weight of Ice /KG	Ice Size (L*W*H)/MM	Machine Size (L*W*H)/MM	
ABI100	95.8	32.22	7.5	25	320*120*730	6450*2600*2250 (One-piece)	
				11	30	310*150*730	2400*1700*2000
ABI150	142.4	47.8	11	30	310*150*730	2950*2000*2250	5550*2460*2250
				40	410*150*730	2950*2000*2250	5550*2460*2250
ABI200	185.4	61.5	15	40	410*150*730	3025*2200*2250	6800*2460*2600
				50	350*180*950	3025*2200*2250	6800*2560*2600
ABI300	249.9	85.5	22.5	40	410*150*730	3325*2200*2500	6800*2460*2250*3
				50	350*180*950	3325*2200*2500	6800*2560*2600*3

◆ Operating conditions: ambient temperature 32 °C, water supply temperature 20 °C. Due to the continuous updating of product technology, if the data is changed, it will be reflected in the quotation plan. The above data is for reference only, which is subject to actual conditions.
 ◆ (Note: The actual ice production varies due to the influence of water supply temperature and ambient temperature.)
 ◆ (The final interpretation of the above mentioned parameters is in Icesource, there will be no further notice, if there is any technical change.)

Application



Seafood preservation



Fruit preservation



ice & snow entertainment theme park



Relieving heat and cooling

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