

Block Ice Machine LIB-10D

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- Aluminum plate evaporator directly transfer heat to water, ice making process is fast and efficiency is increased;
- All parts contact with ice or water is made of aluminum alloy or SUS304, ice comply with food hygiene requirement;
- Evaporator use aerospace level specialized aluminum material, high strength and good heat transfer performance;
- Hot freon gas doffing method, realize fast ice doffing process and it only takes 15 minutes;
- Automatic water adding system, more intelligent and easier operation;
- Mechanical design makes taking ice out easier.

Specification of Block Ice Machine LIB-10D

Item	Specification	Unit
Power supply	380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant	R22/R404A	
Daily capacity	1000kg/day	
Cooling mode	Air-cooled	
Standard condition	Ambient temperature	35 °C
	Water inlet temperature	25 °C
Operating power	Compressor	3.6 kw
	Condenser fan	0.5 kw
	Lifting mechanism reducer	0.25 kw
	Pump	0.25 kw
	Average total	4.2 kw
	Total install power	5.4 kw

Compressor	Refrigeration capacity	7.91	kw
	Condensing temperature	45	℃
	Evaporating temperature	-15	℃
	COP.	2.2	kw/kw
	Horse power	6	HP
Ice size range	Weight range	5~20	kg
	Thickness range	100/125/160/220	mm
	Height range	600/800/1000	mm
Ice specification	Dimension	100×100×580	(L×W×H) (mm)
	Weight	5	kg
	Ice quantity	50	pc
	Harvest times	4	times/day
Period	Ice making time	5.5	hr/time
	Ice defrost time	0.5	hr/time
Ice machine dimension	Size	2455×935×2018	(L×W×H) (mm)
	Net weight	950	kg
	Pipe size	3/4"	inch
	Water supply pressure requirement	1~6	bar
Parts info	Compressor	Copeland, United States	
	Expansion valve	ALCO, United States	
	Stop valve	DANFOSS, Denmark	
	Solenoid valve	DANFOSS, Denmark	
	Filter	ALCO, United States	
	Button/indicator	Schneider, France	
	Electrical	Schneider, France	
	PLC	SIEMENS, Germany	