



- 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-50D

Item		Specification	Unit
Power supply		380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant		R22/R404A	
Daily capacity		5000kg/day	
Cooling mode		Water-cooled	
Standard condition	Ambient temperature	35	°C
	Water inlet temperature	25	°C
Operating Power	Compressor	15.85	kw
	Cooling tower fan	0.55	kw
	Cooling tower pump	1.5	kw
	Lifting mechanism reducer	2.2	kw
	Water adding pump	0.55	kw
	Average total	18.9	kw

	Total install power	24.2	kw
Compressor	Refrigeration capacity	40.5	kw
	Condensing temperature	38	°C
	Evaporating temperature	-15	°C
	COP.	2.57	kw/kw
	Horse power	25	HP
	Compressor Nos	1	unit
Ice size range	Weight range	10~100	kg
	Thickness range	100/125/160/220	mm
	Height range	600/800/1000	mm
Ice specification	Dimension	210×100×580	(L×W×H) (mm)
	Weight	10	Kg
	Ice quantity	132	PC
	Harvest times	4	times/day
Period	Ice making time	5.5	hr/time
	Ice defrost time	0.5	hr/time
Compressor module size	Dimension	2500×1400×1450	(L×W×H) (mm)
	Net weight	960	Kg
Evaporator module size	Size	2910×1855×1900	(L×W×H) (mm)
	Net weight	2260	Kg
	Pipe size	1-1/4"	inch
	Water supply pressure requirement	1~6	bar
Cooling tower module size	Cooling tower size	∅1380x2170	(O.D.×H) (mm)
	Feed pipe size	1/2"	inch
	Cooling water pipe size	2"	inch
	Operating weight	460	Kg

Parts info	Compressor	Bitzer, Germany
	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