

- 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-30D

ltem		Specification	Unit
Power supply		380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant		R22/R404A	
Daily capacity		3000kg/day	
Cooling mode		Air-cooled	
Standard condition	Ambient temperature	35	$^{\circ}\! \mathbb{C}$
	Water inlet temperature	25	$^{\circ}\! C$
Operating power	Compressor	10.6	kw
	Condenser fan	1.2	kw
	Lifting mechanism reducer	0.75	kw
	Pump	0.25	kw
	Average total	11.8	kw
	Total install power	13.8	kw

Refrigeration capacity	27.1	kw
Condensing temperature	45	°C
Evaporating temperature	-15	°C
COP.	2.56	kw/kw
Horse power	15	HP
Weight range	5~20	kg
Thickness range	100/125/160/220	mm
Height range	600/800/1000	mm
Dimension	140×100×580	(L×W×H) (mm)
Weight	7	kg
Ice quantity	112	рс
Harvest times	4	times/day
Ice making time	5.5	hr/time
Ice defrost time	0.5	hr/time
Size	4300×2100×2050	(L×W×H) (mm)
Net weight	2280	kg
Pipe size	3/4"	inch
Water supply pressure requirement	1~6	bar
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	
	Condensing temperature  Evaporating temperature  COP.  Horse power  Weight range  Thickness range  Height range  Dimension  Weight  Ice quantity  Harvest times  Ice making time  Ice defrost time  Size  Net weight  Pipe size  Water supply pressure requirement  Compressor  Expansion valve  Solenoid valve  Filter  Button/indicator  Electrical	Condensing temperature         45           Evaporating temperature         -15           COP.         2.56           Horse power         15           Weight range         5~20           Thickness range         100/125/160/220           Height range         600/800/1000           Dimension         140×100×580           Weight         7           Ice quantity         112           Harvest times         4           Ice making time         5.5           Ice defrost time         0.5           Size         4300×2100×2050           Net weight         2280           Pipe size         3/4"           Water supply pressure requirement         1~6           Compressor         Bitz           Expansion valve         ALCC           Stop valve         DANE           Filter         ALCC           Button/indicator         Schr           Electrical         Schr