



- Evaporator is made by advanced laser welding processing technology, solid and durable;
- Speedy ice doffing process. No extra heat needed, by using hot freon gas itself produced it melts the ice to fall. The whole process only takes 120 seconds;
- Unique water circulating system. After ice is doffed, the un-frozen water collected in the low water tank will be recycled to make ice. It is energy sufficient design but increase the ice production;
- SUS304 or aluminum alloy evaporator plates complies to hygiene requirement;
- Ice forming time can be controlled to adjust the thickness of ice;
- Plates quantities can be modified to suit your various ice demand.

Specification of Plate Ice Machine LIP-400

Item		Specification	Unit
Power supply		380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant		R22/R404A	
Daily capacity		40000kg/day	
Cooling mode		Water-cooled	
Standard condition	Ambient temperature	35	°C
	Water inlet temperature	25	°C
Operating power	Compressor	85.9X2	kw
	Condenser fan	3.7	kw
	Cooling tower pump	7.2	kw
	Ice crusher device	3.2	kw
	Cooling water pump	6	kw
	Heated water pump	1.8	kw

	Average total	181.3	kw
	Total install power	208	kw
Compressor	Refrigeration capacity	161.2X2	kw
	Condensing temperature	38	°C
	Evaporating temperature	-20	°C
	COP.	1.88	kw/kw
	Horse power	125x2	HP
Compressor module	Size	3300×2200×2200	(L×W×H) (mm)
	Net weight	2850	kg
Evaporator module	Size	3843x2150x2450	(L×W×H) (mm)
	Net weight	2650x2	Kg
	Pipe size	1-1/4"	inch
	Water supply pressure requirement	1~6	bar
Cooling tower module size	Cooling tower size	ø3300x2785	(O.D.×H) (mm)
	Feed pipe size	1-1/4"	inch
	Cooling water pipe size	5"	inch
	Operating weight	2730	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	