



- High efficiency heat transfer technology;
- Spiral blade design decreases resistance and friction, flake ice 100% fall off;
- Specialized processing technology ensures long service time evaporator;
- Easy installation, ready to use after water and electric plug in;
- Reliable operation, little maintenance;
- Compact design, less space required;
- Hygienically designed without hidden spots and bacteria-harboring areas for easy inspection and cleaning;
- Built for industrial use with high quality heavy-duty parts.

Specification of Flake Ice Machine LIF-500K

Item		Specification	Unit
Power supply		380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant		R22/R404A	
Daily capacity		50000kg/day	
Cooling mode		Water-cooled	
Standard condition	Ambient temperature	35	°C
	Water inlet temperature	25	°C
Operating power	Compressor	77.5X2	kw
	Condenser fan	3.7	kw
	Cooling tower pump	11	kw
	Reducer	3.7	kw
	Cooling water pump	1.5	kw

	Average total	171.8	kw
	Total install power	215	kw
Compressor	Refrigeration capacity	151.5X2	kw
	Condensing temperature	38	°C
	Evaporating temperature	-28	°C
	COP.	1.96	kw/kw
	Horse power	125X2	HP
Compressor module	Size	3050×2200×2200	(L×W×H) (mm)
	Net weight	3150	kg
Evaporator module	Size	3056×2390×3327	(L×W×H) (mm)
	Operating Power	6380	Kg
	Pipe size	1"	inch
	Water supply pressure requirement	1~6	bar
Cooling tower module size	Cooling tower size	ø3770×3490	(O.D.×H) (mm)
	Feed pipe size	1"	inch
	Cooling water pipe size	5"	inch
	Operating weight	3640	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	