



- 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-400K

Item	Specification	Unit
Power supply	380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant	R22/R404A	
Daily capacity	40ton/day	
Cooling mode	Water-cooled	
Standard condition	Ambient temperature	35 °C
	Water inlet temperature	25 °C
Operating power	Compressor	67.4X2 kw
	Condenser fan	3.7 kw
	Cooling tower pump	7.5 kw
	Reducer	2.2 kw
	Cooling water pump	0.75 kw
	Average total	145.65 kw

	Total install power	178	kw
Compressor	Refrigeration capacity	120.3X2	kw
	Condensing temperature	38	°C
	Evaporating temperature	-27	°C
	COP.	1.78	kw/kw
	Horse power	125X2	HP
	Compressor module	Size	2950×2200×2200
	Net weight	2950	kg
Evaporator module	Size	2780×2390×3027	(L×W×H) (mm)
	Operating Power	5480	Kg
	Pipe size	1"	inch
	Water supply pressure requirement	1~6	bar
	Cooling tower module size	Cooling tower size	ø3300×2785
	Feed pipe size	1"	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	