



- 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.

Specification of Flake Ice Machine LIF-50K

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	14.82	kw
	Condenser fan	0.55	kw
	Cooling tower pump	1.5	kw
	Reducer	0.37	kw
	Cooling water pump	0.12	kw
	Average total	17.55	kw
	Total install power	20.8	kw

Compressor	Refrigeration capacity	30.8	kw
	Condensing temperature	38	°C
	Evaporating temperature	-23	°C
	COP.	2.1	kw/kw
	Horse power	25	HP
Ice machine dimension	Size	2050×1250×1605	(L×W×H) (mm)
	Net weight	1150	kg
	Pipe size	3/4"	inch
	Water supply pressure requirement	1~6	bar
Cooling tower module size	Cooling tower size	∅1380×2170	(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	