



- 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;
- Quality material and components adopted to protect the equipment from sea-water corrosion;
- Advanced technology innovated specially for onboard use. Even in the worst case, anti-pitching design ensures a smooth operation;
- Reliable operation, little maintenance.

Specification of Flake Ice Machine LIF-20S

Item		Specification	Unit
Power supply		380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant		R22/R404A	
Daily capacity		2000kg/day	
Cooling mode		Water-cooled	
Standard condition	Ambient temperature	35	℃
	Water inlet temperature	25	℃
Operating power	Compressor	6.15	kw
	Cooling tower pump	0.7	kw
	Reducer	0.35	kw
	Cooling water pump	0.035	kw
	Average total	6.535	kw
	Total install power	8.7	kw
Compressor	Refrigeration capacity	11.8	kw

	Condensing temperature	38	℃
	Evaporating temperature	-26	℃
	COP.	1.92	kw/kw
	Horse power	8	HP
Ice machine dimension	Size	1550×1180×950	(L×W×H) (mm)
	Net weight	668	kg
	Pipe size	1/2"	inch
	Water supply pressure requirement	1~6	bar
Parts info	Compressor	Copeland, United States	
	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	