



- 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-40S

Item		Specification	Unit
Power supply		380V/3P/50Hz	Voltage/Phase/Frequency
Refrigerant		R22/R404A	
Daily capacity		4000kg/day	
Cooling mode		Water-cooled	
Standard condition	Ambient temperature	35	℃
	Water inlet temperature	25	℃
Operating power	Compressor	11.75	kw
	Cooling tower pump	1.5	kw
	Reducer	0.37	kw
	Cooling water pump	0.03	kw
	Average total	13.83	kw
	Total install power	16	kw

Compressor	Refrigeration capacity	25.2	kw
	Condensing temperature	38	℃
	Evaporating temperature	-26	℃
	COP.	2.14	kw/kw
	Horse power	20	HP
Ice machine dimension	Size	1680×880×1380	(L×W×H) (mm)
	Net weight	980	kg
	Pipe size	3/4"	inch
	Water supply pressure requirement	1~6	bar
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	