

Flake Ice Machine

- Designed and manufactured under the pressure vessel standard, thus making this product durable, safe and reliable.
- Produce flake ice continuously at low temperature. Low temperature ice and high efficiency.
- Optimized system design ensures the machine work stably with a low failure rate.
- Environment friendly refrigerant achieves environment protection and energy efficiency.
- Complete product series to meet different application requirement.
- High supercooling, dry ice, even thickness and ultra-high output.
- Unattended operation.
- CE(PED)\ASME certified, high quality level.
- Containerized design for extreme working conditions and stable operation.
- Beautiful appearance, reasonable overall layout, comprehensive details, keep improving to the best.



Model Code

F xxx W P I J - 1

Power

1 380V/3P/60Hz	9 220V/3P/50Hz
2 400V/3P/50Hz	10 440V/3P/50Hz
3 400V/3P/60Hz	11 230V/1P/50Hz
4 415V/3P/50Hz	12 240V/3P/60Hz
5 415V/3P/60Hz	13 240V/3P/50Hz
6 440V/3P/60Hz	14 230V/3P/60Hz
7 460V/3P/60Hz	15 220V/3P/50Hz
8 220V/3P/60Hz	16 230V/1P/60Hz
0 380V/3P/50Hz, "-0" is omitted and not written	

Ice blade type (J-Rake blade, None-Spiral blade)

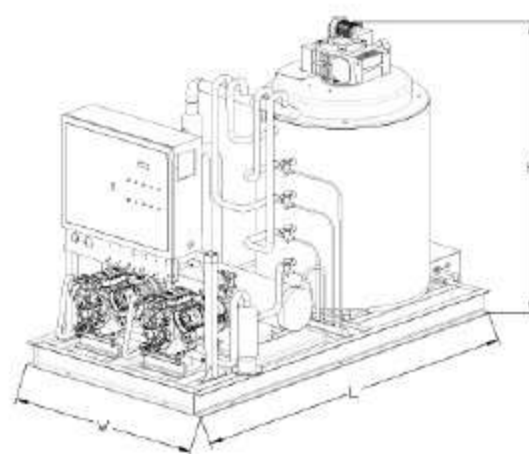
Layout (H-Integrated type, A-Split type)

Refrigerant (P-R507A; A-717; S-R404A; Z-Others, None-R22)

Condensing type (W: Water cooled, A: Air cooled, E: Evaporative condensing S-None)

Ice output code=nominal ice output (1/24h)*10 (adding 0 before ice output code volume code when the ice production is less than 11/24h)

Type (F- fresh water flake ice machine, FIM- flooded type flake ice machine, SFM- seawater flake ice machine for ship environment, SF- seawater flake ice machine for land- using, FIP- containerized ice machine.



Technical Parameters for Fresh Water Ice Machine

Unit		Nominal condition				Performance parameters							
Model	Condensing Type	Ambient Temperature (°C)	Water Supply Temperature (°C)	Condensing Temperature (°C)	Evaporation Temperature (°C)	Nominal Production (t/24h)	Required Capacity (kcal/h)	Power (kW)	Ice Outlet Dimension (mm)	L (mm)	W (mm)	H (mm)	Net Weight (kg)
F050A	Air cooled	25	16	40	-20	0.5	2374	2.26	Φ375	1200	735	684	210
F075A					-20	0.75	3560	2.7	Φ375	1200	735	684	230
F10A					-20	1	4747	4.21	Φ375	1200	735	825	250
F12A					-20	1.2	5897	5.1	Φ375	1200	735	825	260
F16A					-20	1.6	7596	7.2	Φ510	1490	1180	935	370
F20A					-20	2	9494	8.02	Φ510	1490	1180	1009	450
F25A					-20	2.5	11868	8.97	Φ510	1490	1180	1069	480
F30A		33	20	43	-22	3	14241	12	554×554	1840	1530	1165	800
F40A					-22	4	18988	19	554×554	2100	1700	1570	1100
F50A					-22	5	23735	24.5	870×870	2685	1675	1605	1600
F60A					-22	6	28482	27	870×870	2685	1675	1605	1800
F80A					-22	8	37976	34	1034×1034	3015	1760	1746	2100
F100A					-22	10	47470	49	1034×1034	3682	1950	2006	2700
F150A					-22	15	75952	68.5	1322×1322	3840	1750	2260	4200
F30W	Water cooled	33	20	40	-22	3	14241	11.6	554×554	2000	1000	1605	1000
F40W					-22	4	18988	18.6	554×554	2100	1100	1605	1100
F50W					-22	5	23735	23.5	870×870	2685	1100	1605	1300
F60W					-22	6	28482	25.8	870×870	2685	1100	1605	1400
F80W					-22	8	37976	33.8	1034×1034	3135	1160	1746	1900
F100W					-22	10	47470	44.5	1034×1034	3216	1600	2006	2700
F150W					-22	15	75952	66.3	1322×1322	3840	1750	2260	4200
F200W					-23	20	94940	78.3	1450×1450	4255	1950	2954	5000
F250W					-23	25	118675	96	1854×1854	5116	2050	3137	7000
F300W					-24	30	142410	107.1	1854×1854	5116	2050	3277	7500
F350W					-24	35	166145	132	2124×2124	5830	2280	3123	9000
F400W					-25	40	189880	167	1034×1034	6225	2380	3858	10000
F500W					-25	50	237350	189.5	2125×2125	7055	2360	4073	12500
F600W					-25	60	284820	212	2125×2125	7055	2360	4073	13000

Note: The flake ice evaporator can be sold separately.

Flake ice evaporator for CO₂ available.

Due to technology innovation, there might be no real-time notice if the data gets changed.

Standard Power: 380V/3P/50Hz

Application condition: ambient temp.: 5°C~40°C (When the air-cooled condenser is placed indoors, the ambient temperature ≤35°C).

water temp.: 5°C~35°C.

Refrigeration oil: must be provided or approved by Snowman.

Cooling water conditions: the quality of cooling water must meet the requirements of GB50050 Industrial Recycling Cooling Water Treatment Regulation.

Cooling water inlet temperature: 15°C~32°C.

Special conditions: please contact Snowman for detail.

Ice thickness: 1.5~2.2mm, special thickness can be customized.

Refrigerant: R717, R22, R404A, R507A, R407F, R449.