

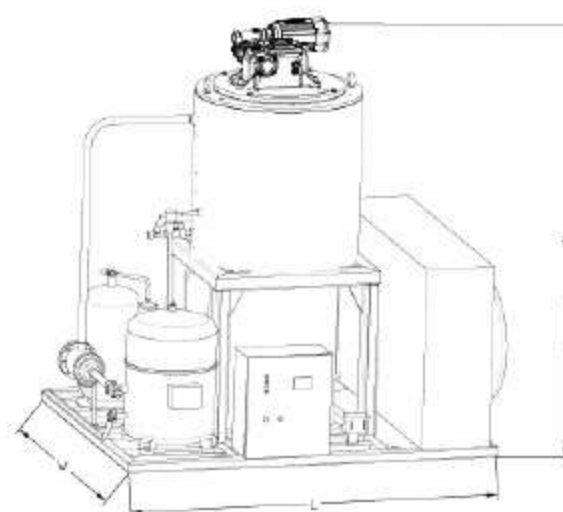
Slurry Ice Machine

- Semi-hermetic ice maker with good visibility, easy to adjust, clean and maintenance to the machine.
- The ice maker designed and manufactured according to the pressure vessel standard, safe and reliable.
- Compared with similar products of other companies, Cargor evaporation surface.
- Applicable to almost all sea areas, from sea water or brine minimum 2.9% concentration, to realize sufficient output.
- Compared with similar products of other companies, the evaporation temperature is higher, better efficiency with better energy-saving.
- The ice maker is not easy to freeze stuck by adopting unique operating technology with high reliability.
- The whole machine is designed with corrosion-resistant components, longer service life.
- Compact structure, ideal for small spaces such as cabins on the ship.
- The control panel is made according to electrical standards, corrosion-resistant and safe.
- We can provide a comprehensive solution according to different occasions.
- Automatic control, unattended operation.



Model Code

S	xxx	W	P	I	40	-	1	
								Power
								1 380V/3P/60Hz
								2 400V/3P/50Hz
								3 400V/3P/60Hz
								4 415V/3P/50Hz
								5 415V/3P/60Hz
								6 440V/3P/60Hz
								7 460V/3P/60Hz
								8 220V/3P/60Hz
								9 200V/3P/50Hz
								10 440V/3P/50Hz
								380V/3P/50Hz omit not write
								Ice crystal rate (eg: 40 means 40%)
								Layout (I-whole; A-split)
								Refrigerant (S-R404A; P-R507A; A-R717; M-134a; N-R407C; C-R744; R-R290; other-Z; R22 (omit and do not write))
								Condensing type (A-air cooled; W-water cooled; E-evaporative cooled)
								Ice production code = nominal ice production (t/24h) * 10 (nominal ice production is less than 1 ton/day nominal ice production multiplied by 100, and 0 is added in front of the ice production code)
								Type: Fluid Ice Machine



Technical Parameters for Slurry Ice Machine

Model	Unit		Standard Ice Crystal Rate	Nominal Production (t/24h)	Required Capacity (kcal/h)	Power (kW)	L (mm)	W (mm)	H (mm)	Running Weight (kg)
	Condensing Type	Ice-making Media								
S50WI40	Water cooling	Seawater or 2.9% brine	40%	5	7739	5.5	1420	1200	1540	800
S100WI40				10	15477	9.8	1600	1300	1690	1100
S150WI40				15	23216	19.2	2350	1100	1470	1800
S200WI40				20	30955	25	2720	1160	1560	2400
S250WI40				25	38893	31.25	2750	1600	1810	2600
S350WI40				35	54170	42.2	3050	1750	2100	3000

Note:

Based on: 3P/380V/50Hz power supply, R22 system, water supply pressure of sea water source is 1.5bar.

Optional refrigerant types: R22, R404A, R507A, R407F.

Based on: ambient temperature 33°C, wet bulb temperature 25°C, water supply temperature 16°C.

Based on water-cooled and integral series units, non-standard design and manufacture can be made into air-cooled and split units.

Based on the land application, with the hull ice storage bin, it can be designed and manufactured into a marine form by non-standard design.

All data are theoretical average data, and the actual value fluctuates by $\pm 5\%$.

Slurry Ice Storage Bucket

- It is much easier to store and deliver the ice by using the bucket and slurry ice machine together.
- With being stirred thoroughly inside the ice storage bucket, the slurry ice is evenly dispersed and not easy to freeze into chunks.
- It applies modular design, which means simple installation and easy operation.
- With inner surface of PP plate material and reinforced external carbon steel frame, it is rust-proof and corrosion-proof.
- Fully automatic control and automatic shutdown of full ice make the operation unattended.



Model	SIT1	SIT2	SIT4	SIT7
Nominal Storage	1m ³	2m ³	4m ³	7m ³
Dimension (mm)	Φ1200×1350	Φ1200×2000	Φ1500×2500	Φ1500×4000
Water(ice) Inlet Dimension	DN25	DN40	DN50	DN50
Ice Outlet Dimension	DN25	DN40	DN40	DN40
Insulation	Rubber in sulation		Polyurethane foam in sulation	
Ice Pump Power	0.4kW	0.75kW	0.75kW	0.75kW
Mixer's Motor Power	0.55kW	0.75kW	1.1kW	1.5kW
Power Specification	380V/50HZ/3P			

Notes: The above is the standard ice storage bucket configuration. The whole unit includes the ice pump and mixing device.

The ice storage bucket could be supplied with the slurry ice machine according to the requirement of the user. Please call for service if the non-standard requirements are required.