



MODULAR REMOTE LOW SIDE FLAKE ICE MACHINES

Shipboard Fresh & Seawater Rapid Freeze ice flakers



Model 21ESS

Based on 70°F (21°C) Water 90°F (32°C) Air	Remote	
	lbs.	kg.
11EFS, 11ESS	2000	908
16EFS, 11ESS	3000	1362
21EFS, 21ESS	4000	1816
31EFS, 31ESS	6000	2724

The Rapid Freeze shipboard model ice flakers feature unexcelled quality, reliability, and long life. It is durable, energy efficient and provides a high degree of flexibility to a wide diversity of industrial applications.

RELIABILITY

- An ice machine you can always depend on. It's backed by over a half-century of innovation and proven performance.

DURABILITY

- Rugged, heavy-duty design offers years of trouble free operation both on shore & off shore.
- Weatherproof TEFC Drive motors
- Continuous ice production, No defrost cycles ever.
- Direct expansion evaporator.

HIGH QUALITY ICE

- Sub-cooled ice with exceptional cooling power. Draws heat away quickly and evenly for superb process cooling applications.

FLEXIBILITY

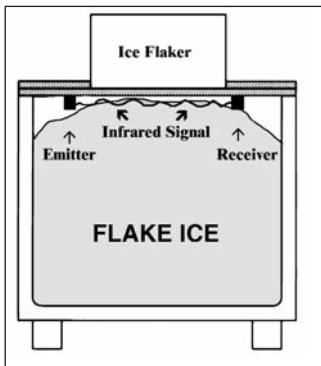
- Fresh water & Seawater models available.
- Remote matching condensing units available
- A diversity of refrigerants, electrical options are available to meet any need.

LOW MAINTENANCE

- Substantially lower maintenance requirements than most other brands of ice equipment.

ENERGY-EFFICIENT

- Requires significantly less energy per pound of ice produced than most other brands of ice equipment.



Patented bin ice level control system
For maximum bin storage, infrared control turns machine off when ice level reaches chute.

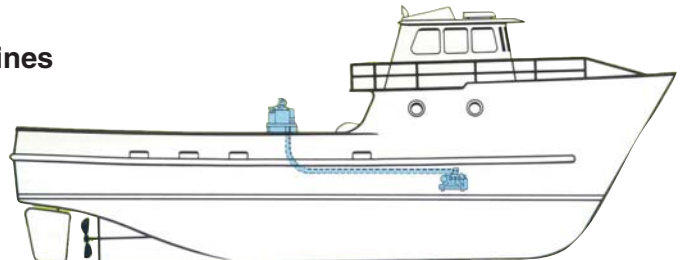
Diversity of Applications for Rapid Freeze Machines

Fishing Vessels

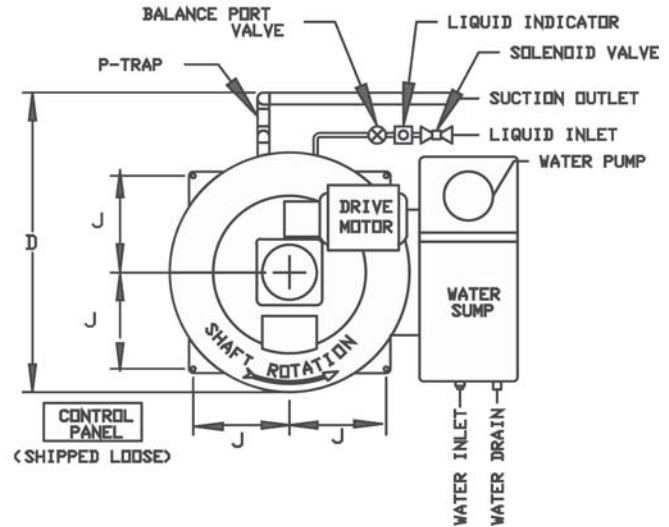
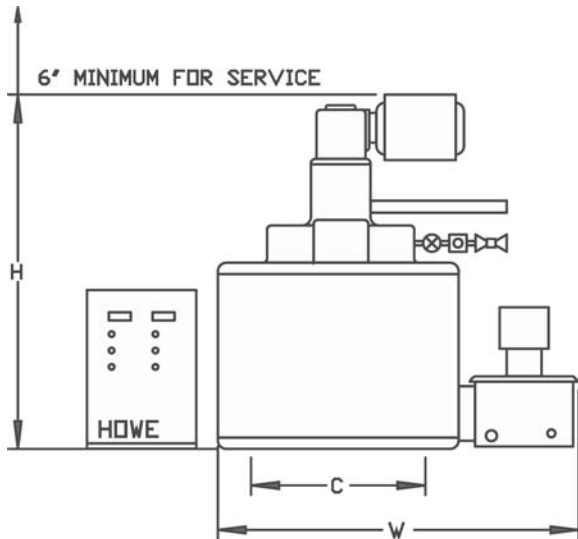
Fresh Water
Seawater

Land based Models

Fresh Water
Seawater



Shipboard Rapid Freeze ice flakers



Freshwater	Model No.	DIMENSIONS					CONNECTION SIZES			Refrigeration Requirement @ -5 F Evap. Temp. 70 F Water Temp.
		C*	D	J	H	W	Suction	Liquid	Water	
	Inches					OD (Inches)			BTU/HR	
	11EFS	15	28	8 1/2	34	32 1/2	1 1/8	1/2	3/8	17,050
16EFS	15	28	8 1/2	38 1/2	32 1/2	1 3/8	5/8	3/8	25,575	
21EFS	19	32	10 1/4	40 1/2	36	1 3/8	5/8	3/8	34,100	
31EFS	19	33	10 1/4	50	36	1 5/8	7/8	3/8	51,151	

Seawater	Model No.	DIMENSIONS					CONNECTION SIZES			Refrigeration Requirement @ -30 F Evap. Temp. 70 F Water Temp.
		C*	D	F	H	W	Suction	Liquid	Water	
	Inches					OD (Inches)			BTU/HR	
	11ESS	15	28	8 1/2	34	32 1/2	1 1/8	1/2	3/8	16,000
16ESS	15	28	8 1/2	38 1/2	32 1/2	1 3/8	5/8	3/8	24,000	
21ESS	19	32	10 1/4	40 1/2	36	1 3/8	5/8	3/8	32,000	
31ESS	19	33	10 1/4	50	36	1 5/8	7/8	3/8	48,000	

* C = Minimum diameter bin opening required.

Model	Production @ 70/90	Water G.P.M.	Drive Motor HP	208-230-1-60					Shipping Weight	
				Drive Motor FLA	Water Pump HP	Water Pump F.L.A.	Min. Circuit Ampacity	Max. Fuse Protection	Pounds	KG
11E*S	2,000	.17	1/3	3.2	1/15	1.95	5	15	525	238
16E*S	3,000	.24	1/3	3.2	1/15	1.95	5	15	550	250
21E*S	4,000	.35	1/3	3.2	1/15	1.95	5	15	680	309
31E*S	6,000	.50	1/2	4.3	1/15	1.95	5	15	820	372

Shipboard freshwater or seawater ice flakers come with NEMA 4 control panel & TEFC drive motor as standard.

