



MODULAR REMOTE LOW-SIDE, SPLIT, AIR & WATER COOLED FLAKE ICE MACHINES

## Model 1000 Rapid Freeze

70°F (21°C) Water 90°F (32°C) Air	Remote / Split	
1000-RLE	1070 lbs.	486 kgs.
Ice Quality	100%	



1000-RLE shown on CP1500 Mobile Express bin system

The Rapid Freeze Model 1000 Flake Ice Machine features an attractive new style cabinet enclosure. This enclosure significantly reduces the installation cost, while improving quality and cleanliness for many food cooling applications in the supermarket & food processing industries.

### UNEXCELLED ENERGY EFFICIENCY

Howe's Rapid Freeze Flaker utilizes an innovative extended surface evaporator design and unique material combination to offer significantly superior heat transfer characteristics over most ice machines in the industry. As a proven innovator for over 50 years, Howe brings a distinctive blend of technology and engineering expertise to enable Howe Flakers to operate at considerably lower cost than popular granular style flake ice machines.

### REMARKABLE LONGEVITY

The rugged "Open Style" Rapid Freeze evaporator design allows ice to be harvested by gravity, avoiding the punishing bearing loads that granular style flakers experience during harvest by an extrusion process. Howe's approximate 50% lighter bearing load enables Rapid Freeze Flake Ice Machines to frequently last three to four times longer than competitive machines.

### EXCEPTIONAL QUALITY ICE

Rapid Freeze units produce the "Authentic" 100% dry, sub-cooled flake ice that contains approximately four (4) times more surface area than many competitive flake ice machines. When compared to granular style flake ice machines whose production is only partially frozen (between 65% and 70% ice quality), Howe Flake Ice offers significantly greater cooling capacity, and lasts up to 20% longer.

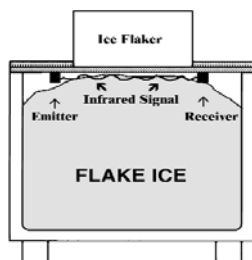
### RELIABLE ICE PRODUCTION CAPACITY

Howe Rapid Freeze Flake Ice Machines are some of the only flakers which voluntarily base model numbers on daily capacities using ARI conditions of 70°F water and 90°F air temperatures (21°C/ 32°C), de-rated for 100% ice. Compared to comparable model granular style flake ice machines, it is not uncommon for Howe Flakers to produce approximately twice as much ice as competitive units at ARI conditions.

### WARRANTY PROTECTION

 See complete warranty for details.

- 25 year evaporator warranty.
- 10 year ice blade warranty.
- 2 year parts warranty.
- 5 year compressor warranty (Optional).



### PATENTED bin ice level control system

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

### Howe Modular Bins

Bin Models	Dimensions inches/cm.			Mobile Poly Carts	Approx. Storage Capacity	Exterior Finish	Interior Finish	Shipping Weight lbs. / kg.
	W	D*	H					
CP750	30 / 76	36 / 92	65 / 165	1	750 lbs	SS	Poly	320 / 146
CP1000	30 / 76	48 / 122	82 / 208	1	1000 lbs	SS	Poly	370 / 168
CP1500	60 / 152	36 / 92	71 / 180	2	1500 lbs	SS	Poly	540 / 294
1000SS	36 / 92	34 / 86	70 / 178	-	1000 lbs	SS	SS	270 / 123
1400SS	48 / 122	34 / 86	70 / 178	-	1400 lbs	SS	Poly	320 / 146

\* Add 9" (23cm) to depth for pouch door on upright bins



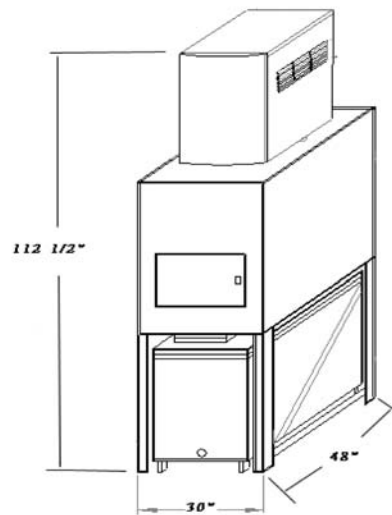
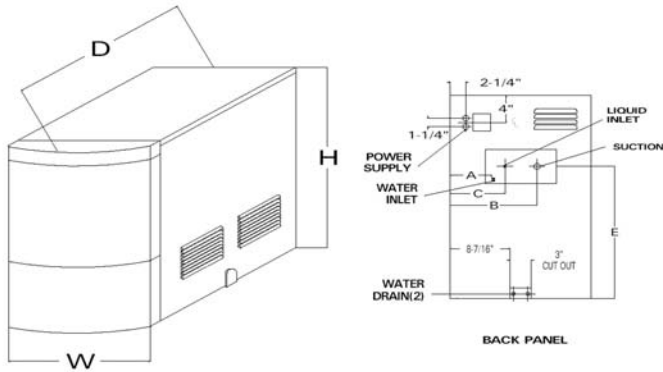
CP-750  
Mobile Express  
Bin



1400-SS  
Upright Bin



# Model 1000 RAPID FREEZE



1000-RLE on CP1000

Model	Dimensions (Inches)				Power Supply	Suction	Liquid	Drain	Water Supply
	A	B	C	E					
1000-RLE	6-7/8	12-3/16	7-11/16	19-1/2	1/2 K.O.	7/8 ODS	3/8 ODS	1/2 ID Hose	3/8 Comp

## ICE FLAKER SPECIFICATIONS

Model Number	Capacity per 24 Hrs. @ 70°/90°F (21°/32°C)	KWH/100 lbs. Ice @ 70°/90°F (21°/32°C)	Drive Motor 208-230/1/60		Water Pump	Compressor 230/1/60		Cond. Fan 230/1/60	Total Approx.	Min. Circuit	Max. Fuse
			H.P.	F.L.A.	F.L.A.	R.L.A.	L.R.A.	F.L.A.	R.L.A.	Amps	Amps
1000-RLE	1070 Lbs.	.42	1/20	.38	.75	-	-	-	1.17	5	15
1000-RLH*	1070 Lbs.	2.5	1/20	.38	.75	8.2	50	1.0	10.49	15	20

Model	DIMENSIONS						Shipping Weight		Water			Approx. Operating Charge R-404A	Refrig. Required @ +5°F (-15°C) Evap. Temp.	
	Inches			Centimeters					Gals. / day	G.P.M.			Lbs.	BTU/HR
	W	D	H	W	D	H	Lbs.	Kg.	Flaker	Flaker	Cond.	Lbs.	BTU/HR	Kcal/hr
1000-RLE	21	28	30 1/2	53	71	77	295	134	128.4	.10	-	1.5	9,500	2,394

## CONDENSING UNIT SPECIFICATIONS

Model	Type	Refrig.	Power	Dimensions						Electrical Data			Shipping Weight	
				Inches			Centimeters			RLA	MCA	MOP	Lbs.	Kg.
				W	D	H	W	D	H					
1001-RHS	A/C	R-404A	208-230/3/60	37 3/4	28 1/4	17 1/4	96	72	44	8.2	15.0	15.0	208	94
1000-RHS		R-22								6.1	15.0	15.0	298	135

\*1000-RLH is a split system consisting of model 1000-RLE remote low side ice flaker & 1000-RHS remote air cooled condensing unit.

### Ice Flaker Operating Parameters

	Minimum	Optimum	Maximum
Ambient Temperature	60°F (10°C)	90°F (32°C)	100°F (38°C)
Water Temperature	45°F (8°C)	70°F (21°C)	90°F (32°C)
Water Pressure	15 PSI	18-20 PSI	60 PSI

NSF, ETL Approved.

