

Rapid Freeze 6000-RL-CO₂

for Cascade/Secondary CO₂
Refrigeration Systems

COOL SOLUTIONS SINCE 1912

HOWE Proven. Best Choice.™

Howe's versatile Rapid Freeze Flake Ice Machines set the standard for energy efficiency, water conservation and longer, trouble-free operating life. Our reliable ice flakers are engineered to deliver exceptional ice quality that keeps food cooler and fresher, longer, at reduced operating expense.

From food processing and distribution, to supermarket and retail applications, Howe has an energy-efficient Rapid Freeze solution to meet your needs.

PROVEN ENERGY EFFICIENCY

Innovative engineering, rugged construction deliver exceptional heat transfer. Requires significantly less energy per pound. Substantially lower operating/maintenance requirements. Optimized water usage.

EXCEPTIONAL ICE QUALITY

True, 100% dry, sub-cooled flake ice contains 4x more surface area for significantly better cooling – up to 20% longer. Drier ice draws heat away quickly and evenly. Process uses less energy with virtually zero water loss.

LONGER, TROUBLE-FREE OPERATING LIFE

Innovative evaporator design utilizes gravity for 50% lighter bearing load. Operates, trouble-free, 3x - 4x longer than competitive machines. Fewer maintenance/service issues.

STANDARD SUPPLIED COMPONENTS

- NEMA-1 control panel
- Photo eye ice level control system
- Solenoid Valve
- Low ambient kit

AVAILABLE OPTIONS/ ACCESSORIES

- NEMA-4 Control Panel
- Clock timer
- Water filter system
- Salt dosing kit
- Low water level switch
- Ice storage bins (many options available)



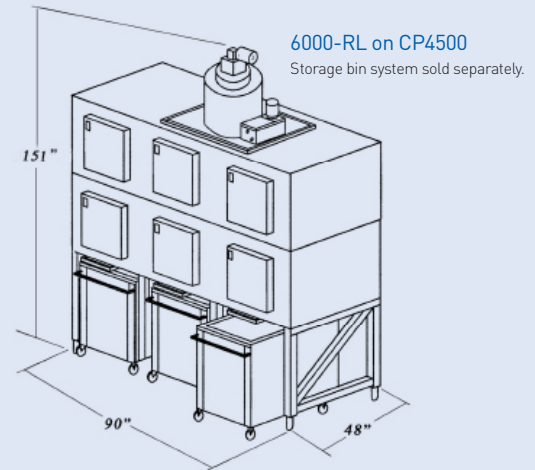
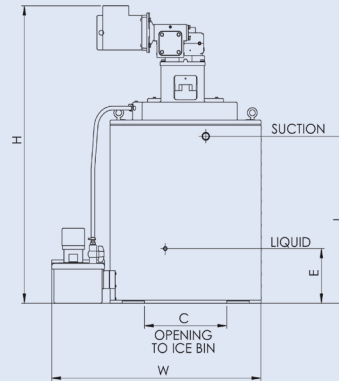
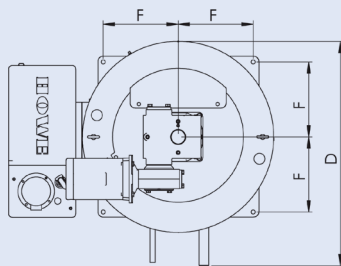
Model 6000-RL



6000-RL-CO₂

for Cascade/Secondary CO₂ Refrigeration Systems

6000-RL-CO₂



MODEL	DIMENSIONS (INCHES)				CONNECTION SIZES (ODS)		
	C	E	F	I	SUCTION	LIQUID	WATER
6000-RL-CO ₂	19	9	10-1/4	27-7/16	1-1/8	1/2	3/8

ICE FLAKER

MODEL	CAPACITY/ 24 HRS*	KWH/ 100 LBS*	WATER USAGE/ 100 LBS OF ICE GALS	DRIVE MOTOR 208-230/1/60 HP FLA		WATER PUMP 230/1/60 FLA	L.A.K. 208/1/60 AMPS	TOTAL APPROX. RLA	MIN. CIRCUIT AMPS	MAX. FUSE AMPS
6000-RL-CO ₂	6,000 LBS	.52 ¹	12.2	1/2	4.3	1.15	2.16	7.61	10	15

* @ 70°/90°F (21°/32°C) based on total consumption for a split system. ¹ KWH rating is for a split system. Actual KWH for RLE connected to a rack system may be less.

MODEL	DIMENSIONS			CM	SHIPPING WEIGHT			WATER GPM	APPROX OPERATING CHARGE R-744 LBS	REFRIGERATION REQUIRED**		CO ₂ FLOW RATE	
	IN W	D	H		LBS	KG	BTU/HR			KCAL/HR	LB/HR		
6000-RL-CO2	36	33	50	91	84	127	900	408	.50	25	51,150	12,890	900

** @ -20°F (-28.9°C) Evaporator Temperature

Low Ambient Kit (L.A.K.) is included on all CO₂ model flakers. Warm water mixing valve required in low ambient, & low water temperature conditions. Unit Includes Liquid Line Solenoid Valve (shipped loose, to be field installed).

WARRANTY

See complete warranty for details.

- 25 year evaporator icemaking surface warranty
- 10 year ice blade warranty
- 2 year parts warranty

OPERATING PARAMETERS

	MINIMUM	OPTIMUM	MAXIMUM
AMBIENT TEMPERATURE	50°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	20 PSI	25-40 PSI	60 PSI

HOWE®

1650 N. Elston Ave., Chicago, IL 60642-1585 | 773 235 0200 | Fax 773 235 0269
howecorp.com | howeinfo@howecorp.com

