

Rapid Freeze FLOODED AMMONIA

Selective Purpose Ice Flaker

COOL SOLUTIONS SINCE 1912

HOWE Proven. Best Choice.™

Rapid Freeze Flooded Ammonia 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 Internal stainless steel components include: shaft, ice blade, ice deflector and brackets, squeegee wrapper and brackets. No galvanized parts inside ice flaker.

HIGH QUALITY ICE Super-cold, dry, crisp, 100% sub-cooled ice with greater surface area and exceptional cooling power. Draws heat away quickly and evenly for superb process cooling applications.

FLEXIBILITY A diversity of refrigerants, electrical options and condenser configurations 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.

APPLICATIONS

- Produce Harvesters
- Produce Wholesalers
- Produce Markets
- Industrial Bakeries
- Seafood Processors
- Seafood Distributors
- Meat Processors
- Sausage Processors
- Poultry Processors
- Concrete Cooling
- Amusement Parks
- Industrial Catering

TWO PACKAGES TO CHOOSE FROM:

STANDARD PACKAGE INCLUDES:

- Photo eye ice level control
- Suction to liquid heat exchanger
- EPR valve
- Low water cut out
- Ozone resistant material

PREMIUM PACKAGE INCLUDES:

- Includes above plus:
- Low ambient kit
 - NEMA4-TEFC wash down



6000-RLA shown.

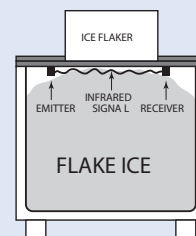


100% ICE PRODUCTION/24HRS

MODEL	REMOTE*	
	LBS	KG
2000-RLA	2,000	908
3000-RLA	3,000	1,362
4000-RLA	4,000	1,816
6000-RLA	6,000	2,724
51-RLA	10,000	4,540
76-RLA	15,000	6,810
101-RLA	20,000	9,080

* All data given at 90°F (21°C) air / 70°F (21°C) water.

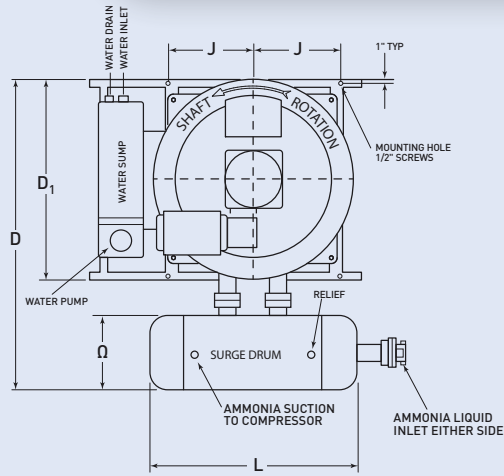
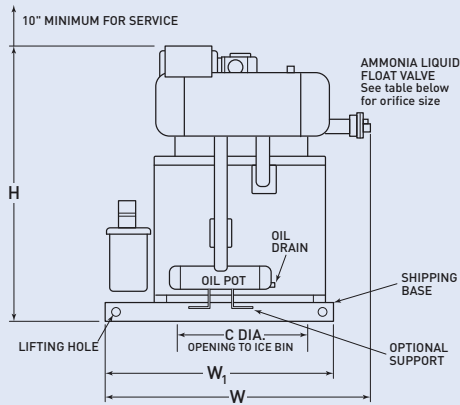
PATENTED BIN ICE LEVEL CONTROL SYSTEM For maximum bin storage, infrared control turns machine off when ice level reaches chute.



FLOODED AMMONIA

Selective Purpose Ice Flaker

FLOODED AMMONIA ICE FLAKER



MODEL	DIMENSIONS (IN)						APPROX SHIPPING WEIGHT (LB)		SURGE DRUM D x L	FLOAT VALVE ORIFICE	CONNECTION SIZES					ICE PRODUCTION		WATER G.P.M.	REFRIGERATION REQUIREMENT*	
	B	C	D	H	J	W	FLAKER	SURGE DRUM			SUCTION	LIQUID	OIL DRAIN	RELIEF VALVE	WATER	LBS	KG		BTU/HR	EVAP TEMP
2000-RLA	23	14	41	34	8½	29½	400	125	8 ⁵ / ₈ x 24	3/32	1	1/2	1/2	1/2	3/8	2,000	908	.17	17,050	-5
3000-RLA	23	14	41	38½	8½	29½	450	135	8 ⁵ / ₈ x 24	3/32	1	1/2	1/2	1/2	3/8	3,000	1,362	.24	25,525	-5
4000-RLA	27½	18	45	43	10¼	31½	550	150	8 ⁵ / ₈ x 24	3/32	1¼	1/2	1/2	1/2	3/8	4,000	1,816	.35	34,100	-5
6000-RLA	27½	18	47	50	10¼	35½	720	200	10¾ x 24	3/32	1¼	1/2	1/2	1/2	3/8	6,000	2,724	.50	51,500	-5
51-RLA	43	30	52	60	16¼	60	1500	425	18 x 40	7/64	1½	1/2	1/2	1/2	1/2	10,000	4,540	.85	85,250	-5
76-RLA	43	30	64	72	16¼	60	2100	475	20 x 40	9/64	2	1/2	1/2	1/2	1/2	15,000	6,810	1.25	128,000	-5
101-RLA	43	30	68	79	16¼	60	2500	525	24 x 40	9/64	2	1/2	1/2	1/2	1/2	20,000	9,080	1.65	170,500	-5

* @ 70°F (21°C) Water Temperature

ELECTRICAL

MODEL	230/1/60				MAX FUSE	460/3/60				MAX FUSE	380/3/50**				MAX FUSE			
	DRIVE MOTOR HP	FLA	WATER PUMP HP	FLA		MIN CIRCUIT AMPS	DRIVE MOTOR HP	FLA	WATER PUMP HP		FLA	MIN CIRCUIT AMPS	DRIVE MOTOR HP	FLA		WATER PUMP HP	FLA	MIN CIRCUIT AMPS
2000-RLA	1/3	3.2	—	.7	5	15	NOT AVAILABLE				1/3	1.2	—	.7	3	15		
3000-RLA	1/3	3.2	—	.7	5	15	NOT AVAILABLE				1/3	1.2	—	.7	3	15		
4000-RLA	1/3	3.2	—	.7	5	15	NOT AVAILABLE				1/3	1.2	—	.7	3	15		
6000-RLA	1/2	4.3	—	.7	8	15	NOT AVAILABLE				1/2	1.5	—	1.95	5	15		
51-RLA	1	6.8	1/8	1.05	15	20	1	1.8	1/6	.35	5	15	1	2.4	1/8	1.1	7	15
76-RLA	1	6.8	1/8	1.05	15	20	1	1.8	1/6	.35	5	15	1	2.4	1/8	1.1	7	15
101-RLA	1	6.8	1/8	1.05	15	20	1	1.8	1/6	.35	5	15	1	2.4	1/8	1.1	7	15

Standard NEMA 1 control panel is shipped loose for field installation. (Optional NEMA4 enclosure is available with NEMA4/TEFC kit) Drive motor is standard ODP (open drip proof) (TEFC motor is available with optional NEMA4/TEFC kit). Rapid Freeze ice flakers require a condensation drip pan to be fabricated and installed under flaker, but above the storage bin. Drip pan shall be constructed to prevent condensation from entering ice storage bin.

** 380/3/50 drive motor, 220/1/50 water pump



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

