

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
 - Liquid Line Strainer
 - Safety Relief Valve
 - Low water cut out
 - Surge Drum with Internal ammonia float valve
- PREMIUM PACKAGE INCLUDES:**

Includes above plus:

- Low ambient kit
- NEMA4-TEFC wash down



6000-RLA shown.



100% ICE PRODUCTION/24HRS

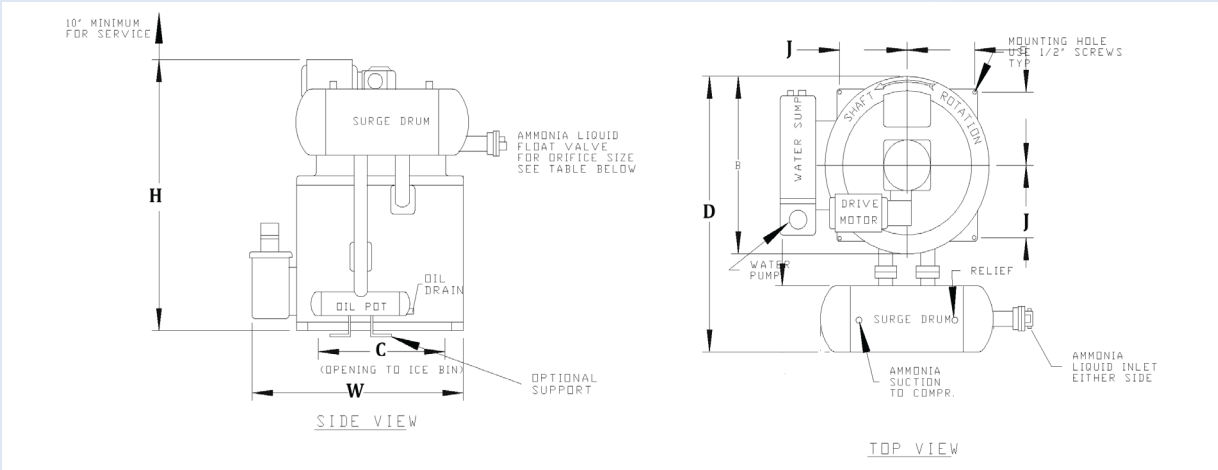
MODEL	REMOTE*	
	LBS	KG
51-RLA		4,540
76-RLA		6,810
101-RLA		9,080

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

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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.H.	REFRIGERATION REQUIREMENT*	
	B	C	D	H	J	W	FLAKER	SURGE DRUM			SUCTION	LIQUID	OIL DRAIN	RELIEF VALVE	WATER	LBS	KG		BTU/HR	EVAP TEMP °F
6000-RLA	27½	14	41	50	8½	35½	720	200	10¼ x 24	3/32	1	½	½	½	3/8	6,000	2724	.50	54,000	-5
51-RLA	43	30	52	60	16¼	60	1500	425	18 x 40	7/64	1½	1/2	½	½	½	10,000	4,40	.85	90,000	-5
76-RLA	43	30	64	72	16¼	60	2100	475	20 x 40	9/64	2	1/2	½	½	½	15,000	6810	1.25	135,000	-5
101-RLA	43	30	68	79	16¼	60	2500	525	24 x 40	9/64	2	1/2	½	½	½	20,000	9080	1.65	180,000	-5

* @ 70°F [21°C] Water Temperature

ELECTRICAL

MODEL	230/1/60						460/3/60						380/3/50**					
	DRIVE MOTOR		WATER PUMP		MIN CIRCUIT AMPS	MAX FUSE	DRIVE MOTOR		WATER PUMP		MIN CIRCUIT AMPS	MAX FUSE	DRIVE MOTOR		WATER PUMP		MIN CIRCUIT AMPS	MAX FUSE
	HP	FLA	HP	FLA			HP	FLA	HP	FLA			HP	FLA	HP	FLA		
6000-RLA	1/3	4.3	-	1.95	5	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 NEMA 4 enclosure is available with NEMA 4/TEFC kit) Drive motor is standard ODP (open drip proof) (TEFC motor is available with optional NEMA 4/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



HOWE

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