

Rapid Freeze

RECIRCULATED AMMONIA

Selective Purpose Ice Flaker

COOL SOLUTIONS SINCE 1912

HOWE Proven. Best Choice.™

Rapid Freeze Recirculated 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
- Industrial Bakeries
- Seafood Processors
- Seafood Distributors
- Meat Processors
- Sausage Processors
- Poultry Processors
- Concrete Cooling
- 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-RLR shown.



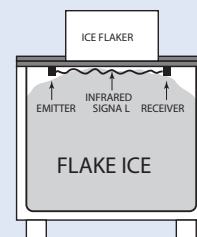
100% ICE PRODUCTION/24HRS

MODEL	REMOTE*	
	LBS	KG
2000-RLR	2,000	908
3000-RLR	3,000	1,362
4000-RLR	4,000	1,816
6000-RLR	6,000	2,724
51-RLR	10,000	4,540
76-RLR	15,000	6,810
101-RLR	20,000	9,080
201-RLR	40,000	18,160

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

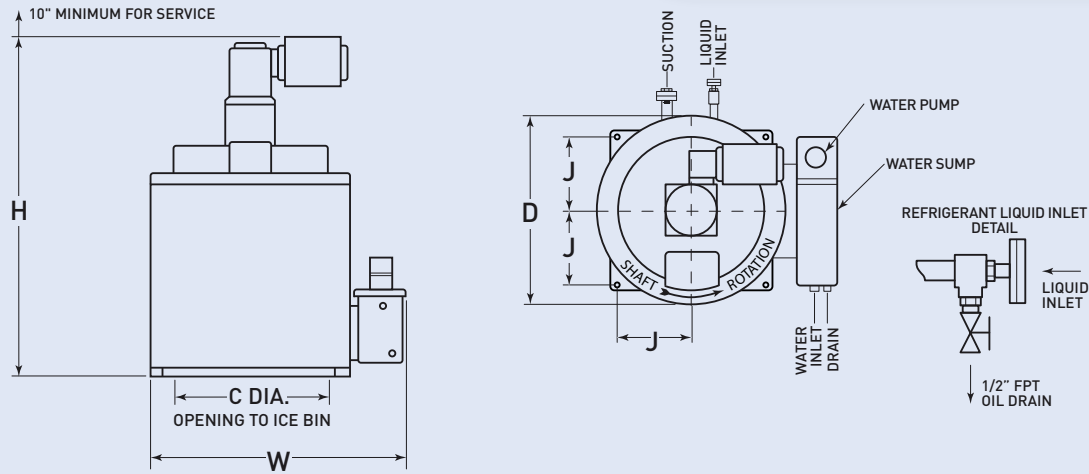
PATENTED BIN ICE LEVEL CONTROL SYSTEM

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



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	DIMENSIONS (IN) (CM)					APPROX SHIPPING WEIGHT	CONNECTION SIZES					PRODUCTION		WATER	REFRIGERATION REQUIREMENT *		HN3 RECIRC RATE	Approx. AMMONIA CHARGE	
	C	D	H	J	W		LBS	KG	SUCTION	LIQUID	OIL DRAIN	RELIEF VALVE	WATER	LBS	KG	G.P.M			BTU/HR
2000-RLR	14	23	34	8½	29½	400	1	½	½	½	3/8	2,000	908	.17	17,050	4,300	3:1	8	
	35.6	58.4	86.4	21.6	74.9	181.6													
3000-RLR	14	23	38½	8½	29½	450	1	½	½	½	3/8	3,000	1,362	.24	25,575	6,450	3:1	12	
	35.6	58.4	97.8	21.6	74.9	204.3													
4000-RLR	18	27½	43	10¼	31½	550	1¼	½	½	½	3/8	4,000	1,816	.35	34,100	8,600	3:1	15	
6000-RLR	18	27½	50	10¼	35½	720	1½	¾	½	½	3/8	6,000	2,724	.50	51,500	12,100	3:1	22	
51-RLR	30	30	60	16¼	57	1500	2	¾	½	½	½	10,000	4,540	.85	85,250	20,160	3:1	75	
76-RLR	30	30	72	16¼	57	2100	2	¾	½	½	½	15,000	6,810	1.25	128,000	30,240	3:1	125	
101-RLR	30	30	79	16¼	57	2500	2½	1	½	½	½	20,000	9,080	1.65	170,500	40,300	3:1	150	

ELECTRICAL

MODEL	230/1/60					460/3/60					380/3/50**							
	DRIVE MOTOR HP	FLA	WATER PUMP HP	FLA	MIN CIRCUIT AMPS	MAX FUSE	DRIVE MOTOR HP	FLA	WATER PUMP HP	FLA	MIN CIRCUIT AMPS	MAX FUSE	DRIVE MOTOR HP	FLA	WATER PUMP HP	FLA	MIN CIRCUIT AMPS	MAX FUSE
2000-RLR	1/3	3.2	—	.7	5	15							1/3	1.2	—	.7	3	15
3000-RLR	1/3	3.2	—	.7	5	15							1/3	1.2	—	.7	3	15
4000-RLR	1/3	3.2	—	.7	5	15							1/3	1.2	—	.7	3	15
6000-RLR	1/2	4.3	—	.7	8	15							1/2	1.5	—	1.95	5	15
51-RLR	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-RLR	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-RLR	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

Accessories included with the ice flaker as standard are: Safety relief valve, liquid line strainer, control panel, & companion flanges. Optional valve accessory kits include: liquid line solenoid valve, dual pressure regulator, hand expansion valve, suction stop, liquid stop & oil drain valves.



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