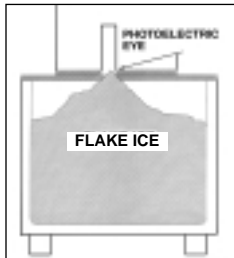




# Modular Air, Water Cooled Flake Ice Machine



**FLAKE ICE**  
Versatile, inexpensive to produce, used in salad bars, produce and fish displays.



**PHOTOELECTRIC EYE**  
For maximum bin storage, photoelectric eye turns machine off when ice level reaches chute.



**TOP BEARING**  
Extra large top bearing attached to auger and breaker reduces bearing wear.

ITEM NO.

## FME1200

The FME1200 represents Scotsman's commitment to R-404A Refrigerant (DuPont SUVA® HP62) as the sensible, permanent solution to the refrigerant issue.

### LONG SERVICE LIFE

- Evaporator, auger and breaker are all fabricated from durable stainless steel.
- Innovative "Interrupted Flight" auger design minimizes bearing loads.
- New gearmotor design includes heavy duty ball bearings.
- Large spherical top roller bearing self aligns, reducing bearing wear.

### ENHANCED RELIABILITY

- Advanced electronics eliminate mechanical switches and sensors.
- Electronic water level control prevents problems associated with water pressure fluctuations.
- Continuous length evaporator refrigerant tubing eliminates potential refrigerant leaks.

### IMPROVED EFFICIENCY

- Photoelectric eye bin control allows maximum storage in bin.
- Continuous icemaking, no hot gas cycle, no water dump.
- Lower KWH usage per 100 lbs. of ice than cubers.

### LOWER SERVICE COSTS

- Most major components are accessible from the machine front. Less repair time equals less repair costs.
- Installation made easy by placing all utility connections on back panel, accepting standard plumbing fittings.
- System design minimizes cost of component failure.

### VERSATILITY

- Fits a variety of Scotsman Ice Storage Bins – the modular design allows the user to choose the right bin for their needs.

### ENVIRONMENTALLY RESPONSIBLE

- HFC R-404A (HP-62) refrigerant.
- Non-CFC and HCFC foam.

### WARRANTY PROTECTION

See Dealer for details of Limited Warranty.

- 24 Month Factory Labor.
- 24 Months on all parts.
- 5 Years on Compressor.
- Directory of Certified Dealer Service.

C.S.I. File No. 11400

This product qualifies for the following listings:



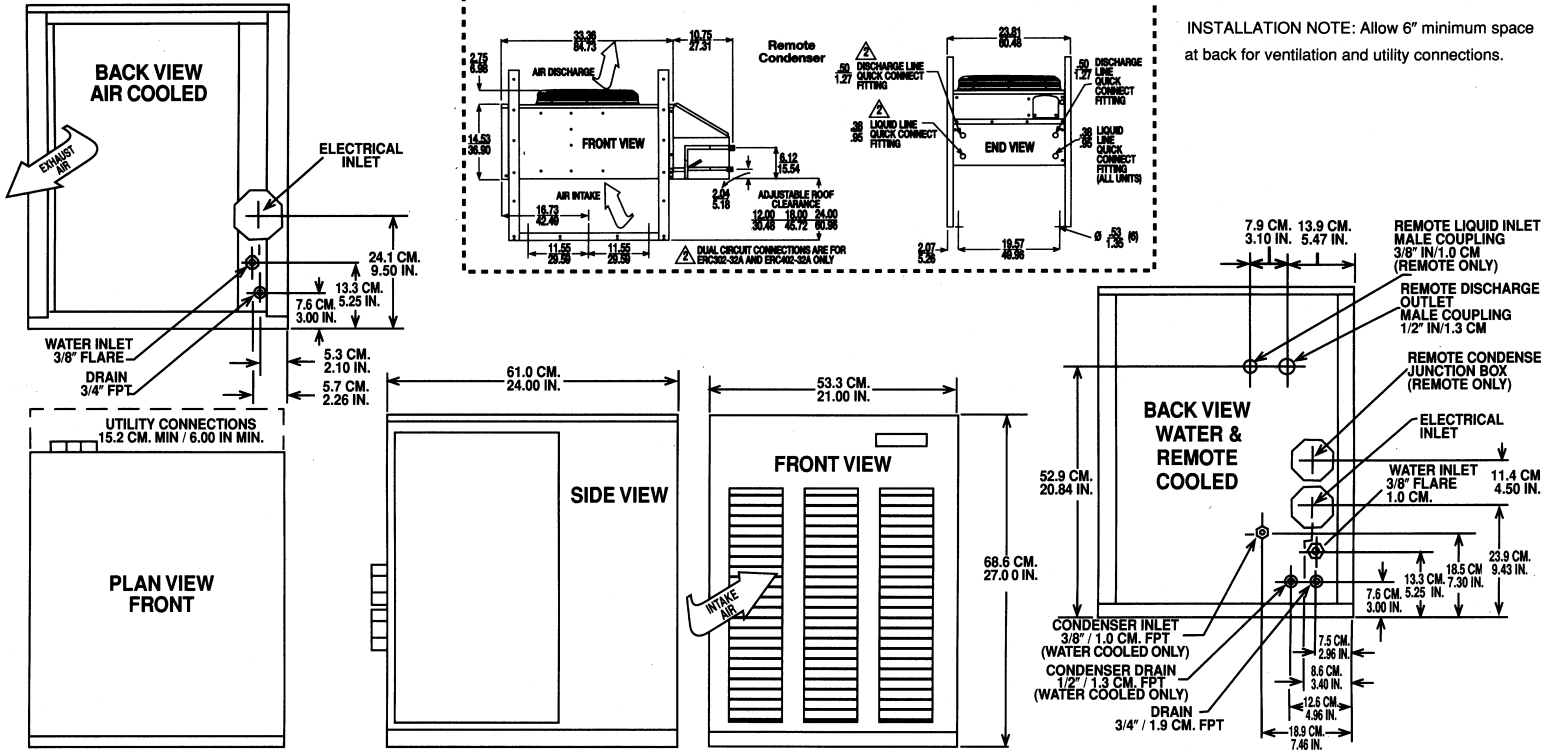
**SCOTSMAN®**  
Ice Systems The World Relies On.™

Consultant/Contractor Approval

775 CORPORATE WOODS PARKWAY • VERNON HILLS, IL 60061 • (847) 215-4550  
FAX (847) 913-9844  
E-mail: customer.service@scotsman-ice.com

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# FME1200 MODULAR AIR, WATER COOLED FLAKE ICE MACHINE



All models: Dimensions: W x D x H Unit: 21" x 24" x 27" Shipping Carton: 24 1/4" x 27 1/2" x 32"

Model	Cond. Unit	Ice Prod. Lbs./24 hrs.		Finish	Ship Wt. lbs./kg.	Basic Electrical Volts/Hz/Phase	Comp HP	No. of Wires	Min. Circuit Ampacity	Max. Fuse Size or HACR Circuit Breaker	Power KWH/100 lbs.		Water Usage* Gallons/100 lbs.			
		70° Air	90° Water								90°/70°	70°/50°F	Potable 90°/70°	70°/50°F	Condenser 90°/70°	70°/50°F
FME1200AE-32A	Air	1170	870	EG	212/96	208-230/60/1	1 1/2	2	11.3	15	3.26	2.40	12	12	—	—
FME1200AE-3A	Air	1170	870	EG	212/96	208-230/60/3	1 1/2	3	8.4	15	3.00	2.10	12	12	—	—
FME1200WE-32A	Water	1195	1010	EG	212/96	208-230/60/1	1 1/2	2	10.8	15	2.45	1.96	12	12	66	34
FME1200WE-3A	Water	1195	1010	EG	212/96	208-230/60/3	1 1/2	3	7.9	15	2.19	1.75	12	12	66	34

† Included with minimum circuit ampacity for icemaker. Use this value to determine wire size between icemaker and fan motor.

Fan relay kit KCMR230 required when connecting two FME1200's to one RCE502-32A

EG= enamel grey leathergrain embossed steel with high gloss baked enamel finish.

\* At 0° condenser air, 70° air temperature, 55° water temperature.

\*\* At 90° condenser air, 90° air temperature, 70° water temperature.

## TYPICAL ICE MAKING CAPACITY PER 24 HOURS

### FME1200A AIR-COOLED WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE			lbs. / kg.
	50° / 10°	70° / 21°	90° / 32°	
70° / 21°	1170 / 531	1025 / 465	880 / 399	
90° / 32°	995 / 451	870 / 395	760 / 345	
100° / 38°	900 / 408	780 / 354	690 / 313	

### FME1200W WATER-COOLED WATER TEMPERATURE

AIR TEMPERATURE	WATER TEMPERATURE			lbs. / kg.
	50° / 10°	70° / 21°	90° / 32°	
70° / 21°	1195 / 542	1020 / 463	910 / 413	
90° / 32°	1155 / 524	1010 / 458	890 / 404	
100° / 38°	1120 / 508	960 / 435	850 / 386	

Capacities represent typical production, variances of ±5% are normal.

**OPTIONAL STORAGE BINS:** HTB500, BH550 with KBT14 bin top, BH800 with KBT15 bin top, BH900 with Bin Top KBT24.

Model Number	Dimensions W" x D" x H"	ARI Bin Capacity	Application Capacity	Finish	Ship Wt. lbs./kg.
BH800AE	42 x 31 1/2 x 44	610 lbs.	780 lbs.	EG	177/80
BH800AS	42 x 31 1/2 x 44	610 lbs.	780 lbs.	SS	186/84
BH900E	48 x 33 3/4 x 44	760 lbs.	970 lbs.	EG	220/100
HTB555	30 x 34 1/2 x 44 1/2	430 lbs.	550 lbs.	HTB	140/64
BH550E	30 x 31 1/2 x 44	430 lbs.	540 lbs.	EG	158/72

## IMPORTANT OPERATING REQUIREMENTS:

Machine requires voltage indicated on rating name plate. Failures caused by improper voltage are not considered factory defects.

Scotsman's products are not designed for outdoor installations nor for installation where air temperatures fall below 50° F, or exceed 100° F; nor where water temperatures fall below 40° F, or exceed 100° F. Extended periods of operation at temperatures exceeding these limitations constitutes misuse under the terms of Scotsman Manufacturer's Limited Warranty, resulting in a loss of warranty coverage.

## FME SERIES FLAKE ICEMAKER

Model \_\_\_\_\_ flake icemaker manufactured by Scotsman Ice Systems. Production capacity to be \_\_\_\_\_ at 90°F air temperature and 70°F water temperature. Icemaker to have a \_\_\_\_\_ (air, water)-cooled condenser. To have factory installed photoelectric eye bin level control to automatically start and stop icemaker. Evaporator and auger to be constructed of stainless steel. Exterior cabinet to be \_\_\_\_\_ (baked enamel grey leathergrain or 304 series stainless steel) finish. Icemaker to be UL, CUL and NSF listed.

We reserve the right to make product improvements at any time. Specifications and design are subject to change without notice. Scotsman ice systems include a full line of ice shapes, modular and self-storing cubers, flakers, drink dispensers, bins and accessories.

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