

QuietQube® SF-Series 900 Remote Flake Ice Machine



Manitowoc



SF-Series 900 Remote
Flake Ice Machine
on B-570 Bin

- Up to 955 lbs. (433 kgs.) daily ice production
- Only 22" (55.88 cm) wide
- Flake ice is small hard bits of ice ideally suited for any "contact" presentation. It forms completely around the contact item and cools quickly
- Manitowoc's patented cleaning technology manages the cleaning process from start to finish
- Evaporator is designed for maximum quality and operating life
- Warranty
2-year parts and labor coverage on all components. Additional 3-year (5-year total) parts coverage on ice machine compressor



ISO 9001:2000
Quality System
Certified

America's #1 Selling Ice Machine

Cube, Nugget & Flake Ice Machines • Ice Storage Bins • Ice Dispensers

Manitowoc
Foodservice Group

QuietQube® SF-Series 900 Remote Flake Ice Machine

Space-Saving Designs



	SF-900 B-420	SF-900 B-570
Height	76.50"	76.50"
	194.31 cm	194.30 cm
Width	22.00"	30.00"
	55.88 cm	76.20 cm
Depth	34.00"	34.00"
	86.30 cm	86.30 cm
Bin Storage	310 lbs.	430 lbs.
	141 kgs.	195 kgs.

B-570 requires K-00365 adapter.

Height includes adjustable bin legs 6.00" to 7.00", (15.24 to 17.78 cm) set at 6.00" (15.24 cm).

Model	Ice Shape	Ice Production 24 Hours Based on Air/Water Temp.				Power kWh/100 lbs.
		70°/50°F		90°/70°F		
SF-0976C	Flake	955 lbs.	433 kgs.	811 lbs.	367 kgs.	4.1
Water usage/100 lbs./45.4 kgs. of Ice						
Potable Water: 12 Gallons, 45.4 Liters						

Order ice storage bin separately. Will not accept AuCS accessory.

Test conditions are 90°F/32°C air, 70°F/21°C water, and 30 ± 3 psig water inlet pressure.

Specifications

Refrigerant: R404A

Operating Limits:

- Ambient Temperature Range: 45°-120°F (7.2°-48.9°C)
- Water Temperature Range: 45°-90°F (7.2°-32.2°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPa) Max. 80 psi (551.1 kPa)

Ice Machine Electric

115/60/1 and 208-230/60/1. (230/50/1 also available, consult factory.)

Minimum circuit ampacity: Remote head section 1.7 amps

Maximum fuse size: 15 amps

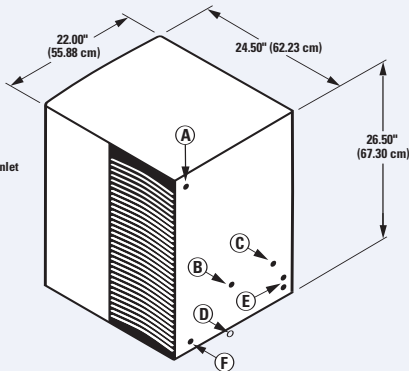
HACR-type circuit breakers can be used in place of fuses. The ice machine and condensing unit are powered independently of each other except for a control wire.

Ice Shape

Flake ice is small hard bits of ice ideally suited for presentation applications.



SF-900



- A) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- B) Refrigerant Discharge Line
- C) Refrigerant Liquid Line
- D) 1/2" (1.27 cm) Auxiliary Base Drain Socket
- E) Electrical Entrance (2) Options
- F) 1/2" (1.27 cm) Drain Fitting

RFC 0985 REMOTE CONDENSING UNIT

Installation Information and Dimensions:

Maximum Line Length—100' (30.5 m).*

Maximum Vertical Rise*—35' (10.7 m) above ice machine.

Maximum Vertical Drop—15' (4.5 m) below ice machine.

*A rise over 20' (6 m) requires S-Trap Kit K-00172 - ordered separately.



Condensing Unit Electric

208-230/60/1 standard. 230/50/1 also available. 50 Hz version of this model meets the international standard, IEC335-1, requirements for "tropical rating," the most severe duty rating an ice machine can obtain, (consult factory). HACR-type circuit breakers can be used in place of fuses.

Note: QuietQube ice machine is wired independent of condensing unit.

Min. circuit ampacity: 8.6 1 ϕ

Max. fuse size: 15 amps 1 ϕ

HACR-type circuit breakers can be used in place of fuses.

BTU Per Hour:

9,000 (average) 14,000 (peak)

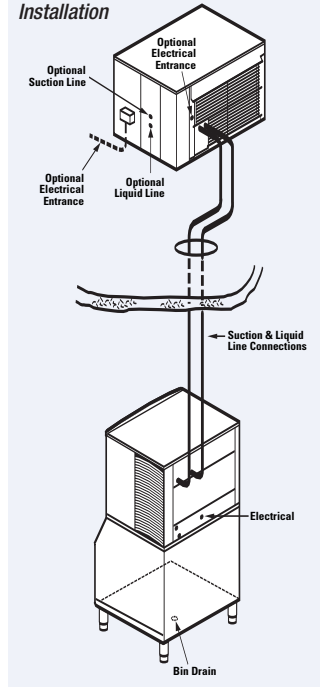
Compressor:

Nominal rating: 2-1/4 HP

Operating Limits:

- Ambient Temperature Range: -20° to 120°F (-29° to 49°C)

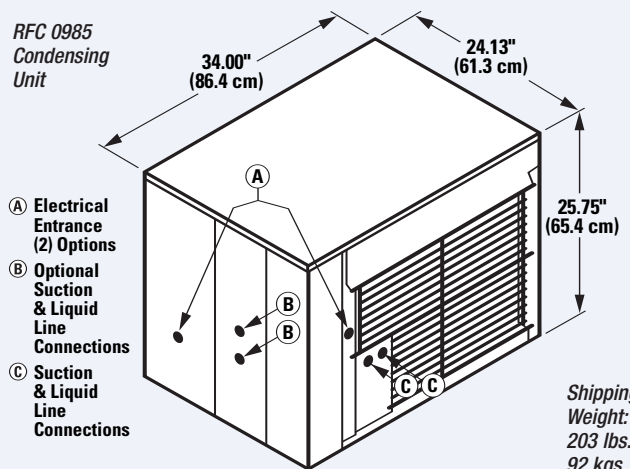
Typical Installation



Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-21	20	6	12	5
RC-31	30	9	20	9
RC-51	50	15	28	13

RFC 0985 Condensing Unit



- A) Electrical Entrance (2) Options
- B) Optional Suction & Liquid Line Connections
- C) Suction & Liquid Line Connections

Shipping Weight: 203 lbs. 92 kgs.

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