QuietQube® SYF3000C Remote Ice Cube Machine

Air-cooled Ice Cube Machine with Patented CVD Technology®

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Model

☐ SYF3000C



SYF3000C Ice Machine - 115V



CVD Condensing Unit - 208-230/60/3

Standard Features

- **Quadzilla™ Evaporator System**– places four high-output individual evaporators in a compact 48" (121.92 cm) wide ice maker for up to 2,910 lbs. (1,320 kgs.) daily ice production.
- Quiet operation. Remotely located compressor eliminates most noise from the refrigeration system. Promotes relaxing atmosphere.
- Patented CVD® technology improves reliability and extends life of the compressor.
- Stainless steel tubular frame construction - for added strength and durability.
- Stainless steel exterior for superior corrosion resistance and durability.
- Not to be used in stacking configurations.

Warranty

- 5-year parts and 5-year labor coverage on ice machine evaporator.
- 5-year parts and 3-year labor coverage on ice machine compressor.
- 3-year parts-and-labor coverage on all other ice machine, dispenser, and storage bin components.

Specifications

Operating Limits:

- Ambient Temperature Range: 35˚ to 110˚F (1.6˚ to 43.4˚C)
- Water Temperature Range: 35˚ to 90˚F (0.6˚ to 32.2˚C)
- Water Pressure Ice Maker
  Water In:
  Min. 20 psi (137.9 kPA)
  Max. 80 psi (551.1 kPA)

BTU Per Hour:
40,000 (average)
46,000 (peak)

Compressor:
Nominal rating: 4.5 HP

Ice Machine Electric

115/60/1 standard.
Minimum circuit ampacity: 2.0
Maximum fuse size: 15 amps
HACR-type circuit breakers can be used in place of fuses.

Ice Shape



Half Dice
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)

2110 South 26th Street
Manitowoc, WI 54220

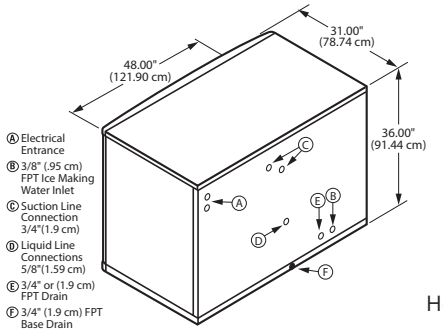
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www.manitowocice.com

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SYF3000C Ice Machine



Shipping Weight: 423 lbs. / 192 kgs.

Installation Note: *Recommended installation clearance– Top/sides 8" (20.3 cm), back: 24" (61 cm), although 24" (61 cm) is recommended on all sides. Bin drain– located in exact center of bin.*

Space-Saving Designs



	SYF3000C LB1760
Height	103.00" 261.62 cm
Width	60.00" 152.40 cm
Depth	34.00" 86.36 cm
Bin Storage	1693 lbs. 767.9 kgs.

Above height inclues legs set at 6" (15.24 cm) adjustable to 7.13" (18.11cm)

Application capcity based on 90% AHRI measured interior volume x 33 lbs/ft3

Ice machine and bin sold separately

**Do not use with D970*

Required Deflectors and Adapters

K00396 deflector if used with LB1448

K00391 deflector for all 48" and 60" LB-style bins

KLB604800 adapter for LB1760 and LB1460

KLB614800 adapter for LBCS1360

Standard Interconnecting Tubing

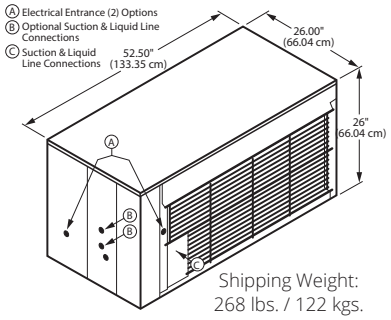
Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-24	20	6.1	37	17
RC-34	30	9.2	47	21
RC-54	50	15.2	73	33

Remote Air-cooled Ice Machine

Model	Ice Shape	Ice Production 24 Hours		Power kWh/ 100 lbs. @ 90°Air/70°F	Water Usage/ 100 lbs. 45.4 kgs. of Ice
		70°Air/ 50°F Water	90°Air/ 70°F Water	3 ph	Potable Water
SYF3000C	half-dice	2,910 lbs.	2,400 lbs.	4.75	21.5 gal.
		1,320 kgs.	1,089 kgs.		81 L.

Order ice storage bin separately.

CVDF3000 Remote Condensing Unit



Shipping Weight: 268 lbs. / 122 kgs.

Condensing Unit Electric

208-230/60/3 standard.

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

Note: QuietQube ice machine is 115/60/1 and wired independent of CVD condensing unit.

Minimum circuit ampacity:

30 3ph

Maximum fuse size:

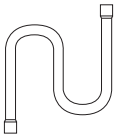
35 amps 3ph

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

Operating Limits:

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

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 two S-Trap Kits K-00166 - ordered separately.*

Manitowoc Ice reserves the right to make changes to the design or specifications without prior notice.

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