



# QuietQube® SF-3000C Remote Ice Cube Machine

## Air-cooled Ice Cube Machine with Patented CVD Technology®

QuietQube® SF-3000C Remote Ice Cube Machine  
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### Model

- SDF3000C     SYF3000C



SDF3000C 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**  
3/8" x 1 1/8" x 7/8"  
(.95 x 2.86 x 2.22 cm)



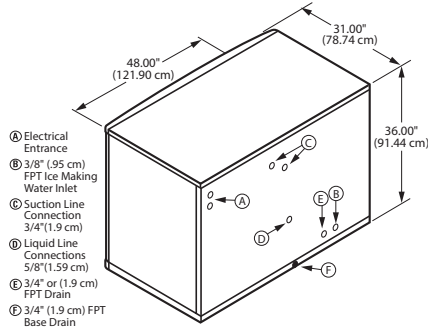
**Dice**  
7/8" x 7/8" x 7/8"  
(2.22 x 2.22 x 2.22 cm)





**SF-3000C Ice Machine**

**Space-Saving Designs**



**SF-3000C 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.

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.

**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 LB1360

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

Application capacity based on 90% AHRI measured interior volume x 33 lbs/ft<sup>3</sup>

Ice machine and bin sold separately  
 \*Do not use with D970

**Standard Interconnecting Tubing**

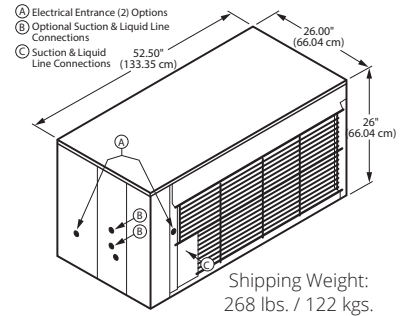
Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-24	20	6.1	37	17
RC-34	30	9.2	47	21
RC-54	50	15.2	73	33

**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		
SDF3000C	dice	2,850 lbs.	2,333 lbs.	3 ph	Potable Water
		1,293 kgs.	1,058 kgs.		
SYF3000C	half-dice	2,910 lbs.	2,400 lbs.	4.75	21.5 gal. 81 L.
		1,320 kgs.	1,089 kgs.		

Order ice storage bin separately.

**CVDF3000 Remote Condensing Unit**



**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)

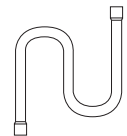
**Installation Information and Dimensions:**

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.



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