

QuietQube™ Series 1000C Remote

Ice Cube Machine with CVD Technology™

Patent Pending



Series 1000C Ice Cube Machine



CVD Condensing Unit



- QuietQube™ Series Remote System consists of a remote condensing unit, interconnecting refrigerant lines, ice machine head section and ice storage unit whether storage bin, countertop or floor-standing dispenser. All ordered separately. QuietQube ice machine with CVD condensing unit's designed as a Maniowoc system and not for use with any other ice machine or remote condenser brand
- Up to 980* lbs. (445 kgs.) daily ice production
- Stackable, double daily ice production, 1,960* lbs. (890 kgs.) *Production rating outside the scope of ARI Standard 810.
- Only 30" (76.2 cm) wide
- Quiet operation eliminates most noise from the refrigeration system. Promotes relaxing atmosphere
- CVD technology improves reliability and extends life of the compressor
- Ice machine is lighter in weight and 115 volt which simplifies installation and reduces electrical installation cost
- Utility connections out back or top of unit maximizes floor space and provides additional installation options
- Stainless steel exterior with the fit and finish of an appliance enhances the display in any self-serve environment
- Patented cleaning and sanitizing technology
- Standard installation criteria facilitates easy replacement of existing remote condenser unit
- 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

THE RIGHT CLIMATE FOR LEADERSHIP

**Maniowoc®**

ICE CUBE MACHINES • ICE STORAGE BINS • ICE DISPENSERS

Manitowoc QuietQube™ 1000C Remote Series

REMOTE AIR-COOLED ICE MACHINE


Model	Cube size	Ice production 24 hours		Power* kWh/100 lbs.	
		lbs.	kgs.	6.8 1ph	6.8 3ph
QR-1070C	regular	840	381	6.8 1ph	6.8 3ph
QD-1072C	dice	900	409	6.3 1ph	6.3 3ph
QY-1074C	half-dice	900	409	6.3 1ph	6.3 3ph

Water usage/100 lbs./45.4 kgs. of Ice • Potable Water: 20.4 gallons, 77.22 liters

Ice machine for use with ice storage bin or ice dispenser and CVD condensing unit all ordered separately.

*kWh per 100 lbs. is total power of ice machine and condensing unit. Ice machine is 1 ph only.

Condensing unit is 1 ph or 3 ph.

 Certified in Accordance with ARI Automatic Commercial Ice-Cube Machines (Batch-Type) Certification Program, which is based on ARI Standard 810

Ice Machine Electric

115/60/1 standard.

(230/50/1 also available, consult factory.)

Total amps: 1.1

Max. fuse size: 15 amps

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

24-HOUR PRODUCTION † lbs., kgs.			
REMOTE AIR-COOLED UNIT			
air temp	water temp		
°F	50°	70°	90°
°C	10°	21°	32°
-20° to 70°	980	910	840
-29° to 21°	445	413	381
90°	960	900	820
32°	436	409	372
100°	920	860	780
38°	418	390	354

†Production for Dice and Half Dice cubes. Regular cube is 7% less than chart and kWh/100 lbs. increases 7%.

Specifications

BTU Per Hour:

16,000 (average) 24,700 (peak)

Compressor:

Nominal rating: 1-3/4 HP

Operating Limits:

• Ambient Temperature Range: -20° to 130°F (-29° to 54°C)

• Water Temperature Range: 33° 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)

3 Cube Sizes Available



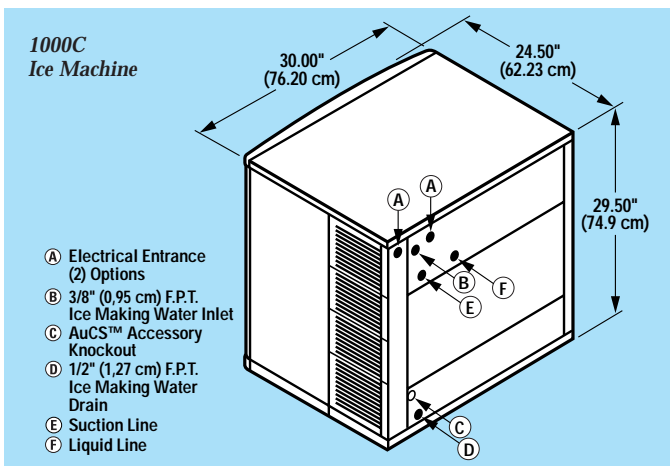
Half Dice
3/8" x 1 1/8" x 7/8"
(.95 x 2.86 x 2.22 cm)



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



Regular
1 1/8" x 1 1/8" x 7/8"
(2.86 x 2.86 x 2.22 cm)



CVD 1075 REMOTE CONDENSING UNIT

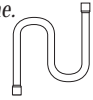
Installation Information and Dimensions:

Maximum Line Length—100' (3,000 cm).*

Maximum Vertical Rise*—35' (1,050 cm) above ice machine.

Maximum Vertical Drop—15' (450 cm) below ice machine.

*A rise over 20' (600 cm) requires S-Trap Kit K-00166 - ordered separately.



Condensing Unit Electric

208-230/60/1 standard. 208-230/60/3 and 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 115/60/1 and wired independent of CVD condensing unit.

Min. circuit ampacity: 15.6 1ph, 10.6 3ph

Max. fuse size: 25 amps 1ph, 20 amps 3ph

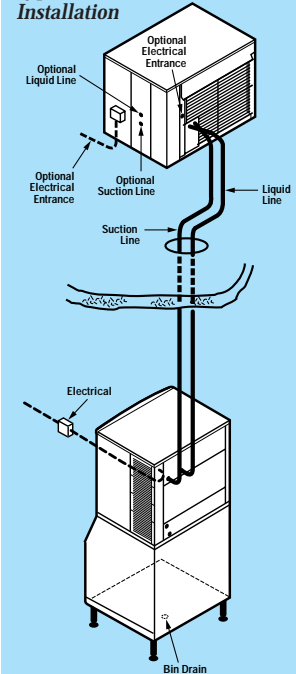
HACR-type circuit breakers can be used in place of fuses.

Standard Interconnecting Tubing

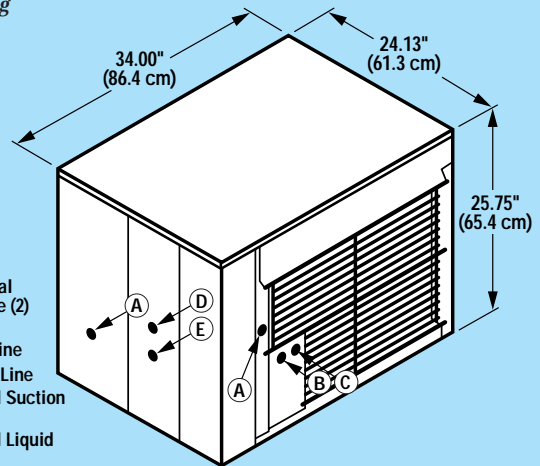
Model	Line Length		Weight	
	ft.	cm.	lbs.	kgs.
RC-20	20	600	12	5
RC-30	30	900	20	9
RC-50	50	1,500	28	13



Typical Installation



CVD-1075 Condensing Unit



THE RIGHT CLIMATE FOR LEADERSHIP

Consult your local Manitowoc Representative:

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