



QuietQube® S-1000C Remote Ice Cube Machine

Air-Cooled Ice Cube Machine
with Patented CVD Technology®



Series 1000C Ice Cube Machine - 115V



CVD Condensing Unit - 230V



QuietQube® Series Remote System consists of a remote condensing unit, interconnecting refrigerant lines, ice machine head section, ice deflector and ice storage unit whether storage bin, countertop or floor-standing dispenser. All ordered separately. QuietQube ice machine with CVD condensing unit is designed as a Maniowoc system and not for use with any other ice machine or remote condenser brand

- Up to 970* lbs. (440 kgs.) daily ice production

**Production rating outside the scope of ARI Standard 810.*

- Only 30" (76.2 cm) wide, 26.50" (67.3 cm) high
- Quiet operation eliminates most noise from the refrigeration system. Promotes relaxing atmosphere
- Patented CVD technology improves reliability and extends life of the compressor
- Ice machine is lighter in weight and 115 volt simplifies installation and reduces electrical installation cost
- Utility connections out the back or top of the unit maximize floor space and provide 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



ISO 9001:2000
Quality System Certified

America's #1 Selling Ice Machine

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




Manitowoc QuietQube® Series-1000C Remote

REMOTE AIR-COOLED ICE MACHINE

Model	Cube size	Ice production 24 hours		Power*	
		lbs.	kgs.	kWh/100 lbs.	
SD-1072C	dice	850	386	5.5 <i>1ph</i>	5.3 <i>3ph</i>
SY-1074C	half-dice	850	386	5.5 <i>1ph</i>	5.3 <i>3ph</i>

Water usage/100 lbs./45.4 kgs. of ice • Potable Water: 18 gallons, 68 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: 2.5

Max. fuse size: 15 amps

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

Specifications

Operating Limits:

- Ambient Temperature Range: 40° to 110°F (4.4° to 43.3°C)
- Water Temperature Range: 40° to 90°F (4.4° to 32.2°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPa) Max. 80 psi (551.1 kPa)

24-HOUR PRODUCTION †		lbs. kgs.	
REMOTE AIR-COOLED UNIT			
air temp	water temp		
°F	50°	70°	90°
°C	10°	21°	32°
-20° to 70°	970	900	870
-29° to 21°	440	408	395
90°	920	850	780
32°	417	386	354
100°	840	770	700
38°	381	349	318

†Production for Dice and Half Dice cubes.

AuCS®SI Accessory



Automatic Cleaning System purchased factory installed in the machine or as an option for field retrofit.

2 Cube Sizes Available



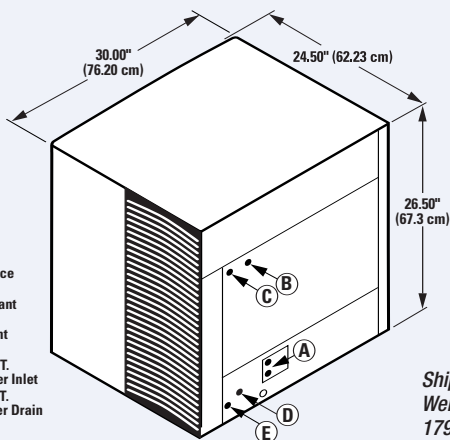
Half Dice
3/8" x 1 1/8" x 7/8"
(.95 x 2.86 x 2.22 cm)



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



1000C Ice Machine



- (A) Electrical Entrance (2) Options
- (B) Suction Refrigerant Shut-off Valve
- (C) Liquid Refrigerant Shut-off Valve
- (D) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- (E) 1/2" (1.27 cm) F.P.T. Ice Making Water Drain

CVD 1085 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-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 wired independent of CVD condensing unit.

Min. circuit ampacity: 12.5 *1ph*
9.4 *3ph*

Max. fuse size: 20 amps *1ph*
15 amps *3ph*

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

BTU Per Hour:

16,000 (average) 22,000 (peak)

Compressor:

Nominal rating: 1-3/4 HP

Operating Limits:

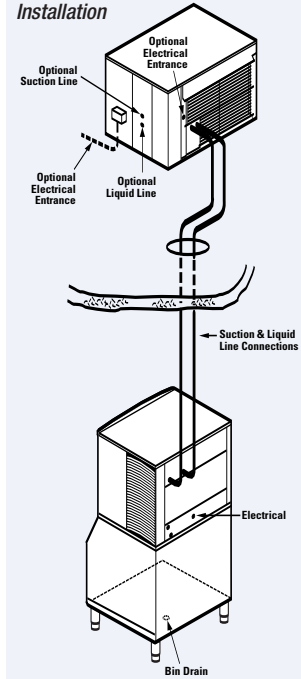
- Ambient Temperature Range: -20° to 130°F (-29° to 54°C)

Standard Interconnecting Tubing

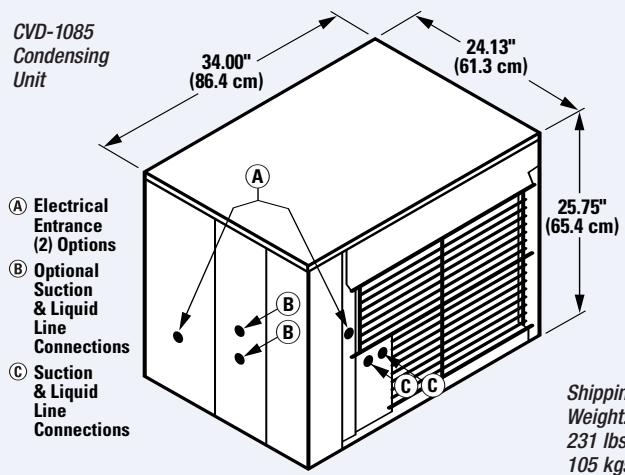
Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-21	20	6	12	5
RC-31	30	9	20	9
RC-51	50	15	28	13



Typical Installation



CVD-1085 Condensing Unit



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