

QuietQube® S-1000C Remote Ice Cube Machine

Air-Cooled Ice Cube Machine
with Patented CVD Technology®



SD-1072C Ice Cube Machine - 115V



CVD Condensing Unit - 230V



SD-1072C Ice Machine
on a B-570 Bin

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 Manitowoc system and not for use with any other ice machine or remote condenser brand.

- Up to 990 lbs. (449 kgs.) daily ice production
- **CEE Tier 2 energy and water efficiency rating.**
- 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

America's #1 Selling Ice Machine

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

Manitowoc

Manitowoc QuietQube® S-1000C

REMOTE AIR-COOLED ICE MACHINE

Model	Ice Shape	Ice Production 24 Hours				Power KWh/ 100 lbs. @ 90°/70°F				
		70° Air/50°F Water		90° Air/70°F Water		1 ph	CEE* Rating	3 ph	CEE* Rating	ENERGY STAR®
		lbs.	kgs.	lbs.	kgs.					
SD-1072C	dice	920	417	800	363	5.1	Tier 2	5.1	Tier 2	★
SY-1074C	half-dice	990	449	850	386	5.0	Tier 2	5.0	Tier 2	★

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.

Consortium for Energy Efficiency (CEE) is a North American nonprofit organization that promotes energy-efficient products, technologies and services; also the principal entity for the development of ice maker efficiency standards.

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

24-HOUR PRODUCTION†							lbs. kgs.	
AIR-COOLED	HALF-DICE CUBE				DICE CUBE			
	air temp	water temp			air temp	water temp		
	°F	50°	70°	90°	°F	50°	70°	90°
	°C	10°	21°	32°	°C	10°	21°	32°
	Temp Range	Production (lbs.)	Production (kgs.)	Production (lbs.)	Temp Range	Production (lbs.)	Production (kgs.)	Production (lbs.)
-20° to 70°	990	915	835	70°	920	865	805	
-29° to 21°	449	415	379	21°	417	392	385	
80°	933	883	793	80°	873	833	760	
27°	423	400	359	27°	396	378	345	
90°	875	850	750	90°	825	800	715	
32°	397	386	340	32°	374	363	324	

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.

AuCS®/SI Accessory



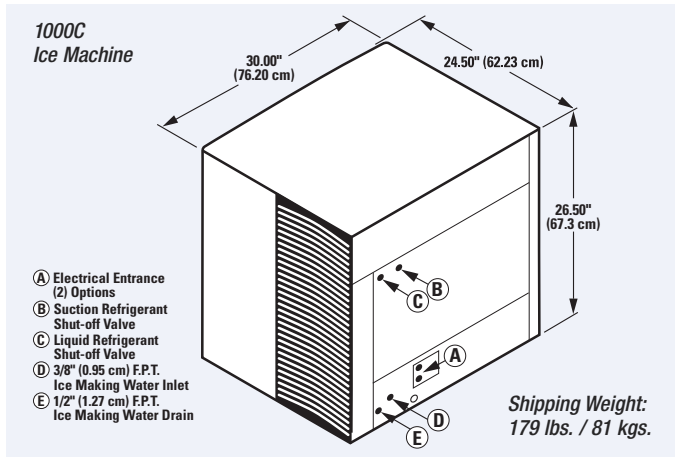
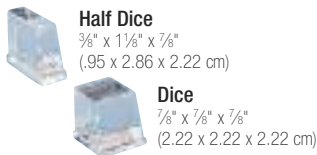
Automatic Cleaning System purchased factory installed in the machine or as an option for field retrofit.

Specifications

Operating Limits:

- Ambient Temperature Range: 35° to 110°F (1.67° to 43.3°C)
- Water Temperature Range: 35° to 90°F (1.67° to 32.2°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPa) Max. 80 psi (551.1 kPa)

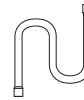
2 Cube Sizes Available



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-00172 - 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: 15.7 1ph
 8.3 3ph

Max. fuse size: 25 amps 1ph
 15 amps 3ph

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

BTU Per Hour:

16,100 (average) 18,500 (peak)

Compressor:

Nominal rating: 1-1/2 HP

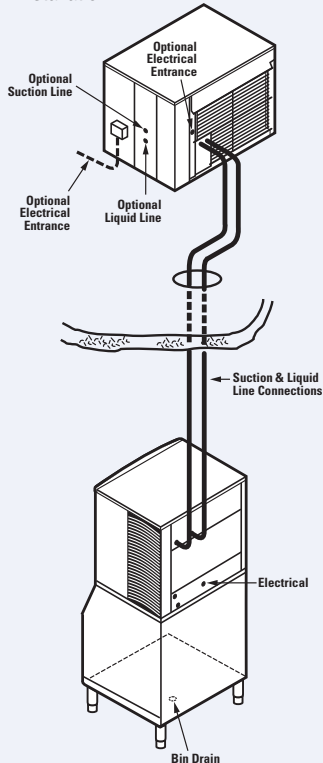
Operating Limits:

- Ambient Temperature Range: -20° to 120°F (-29° to 48.9°C)

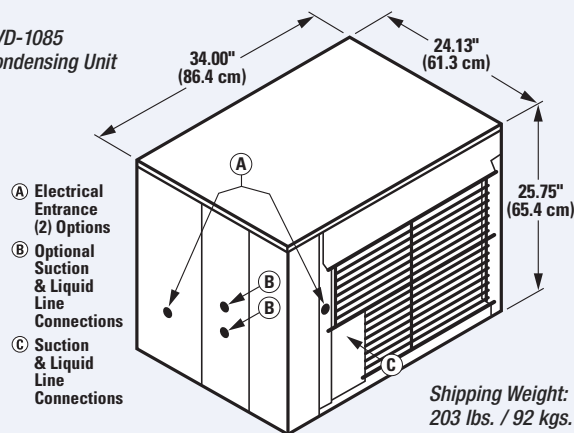
Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-21	6	1.83	12	5
RC-31	30	9.14	17	9
RC-51	50	15.24	27	13

Typical Installation



CVD-1085 Condensing Unit



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