

QuietQube® S-600C Remote Ice Cube Machine

Air-cooled Ice Cube Machine
with Patented CVD Technology®



Manitowoc



Series 600C 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 Manitowoc system and not for use with any other ice machine or remote condenser brand.

- Up to 650 lbs. (295 kgs.) daily ice production
- **CEE Tier 1 energy and water efficiency rating.**
- Only 30" (76.2 cm) wide, 21.50" (54.61 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

CEE  Energy Efficiency Ratings
Specified on Back

America's #1 Selling Ice Machine

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

Manitowoc
Foodservice Group

Manitowoc QuietQube® S-600C

REMOTE AIR-COOLED ICE MACHINE

Model	Ice Shape	Ice Production 24 hours				Power @ 90°/70°	
		70° Air/50° Water		90° Air/70° Water		kWh/100 lbs.	CEE* Rating
		lbs.	kgs.	lbs.	kgs.		
SY-0674C	half-dice	650	295	580	263	6.1	Tier 1
SD-0672C	dice	650	295	580	263	6.1	Tier 1

Water usage/100 lbs./45.4 kgs. of Ice • Potable Water: 20 gallons, 76 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.

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

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.

Specifications

Operating Limits:

- Ambient Temperature Range: 35° to 110°F (1.7° to 43°C)
- Water Temperature Range: 35° to 90°F (1.7° to 32.2°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPa) Max. 80 psi (551.1 kPa)



ISO 9001:2000 Quality System Certified

24-HOUR PRODUCTION † lbs. kgs.				
REMOTE AIR-COOLED UNIT				
air temp	water temp			
°F	50°	70°	90°	
°C	10°	21°	32°	
-20° to 70°	650	600	560	
-29° to 21°	295	272	254	
90°	630	580	530	
32°	286	263	241	
100°	590	540	510	
38°	268	245	232	

†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.

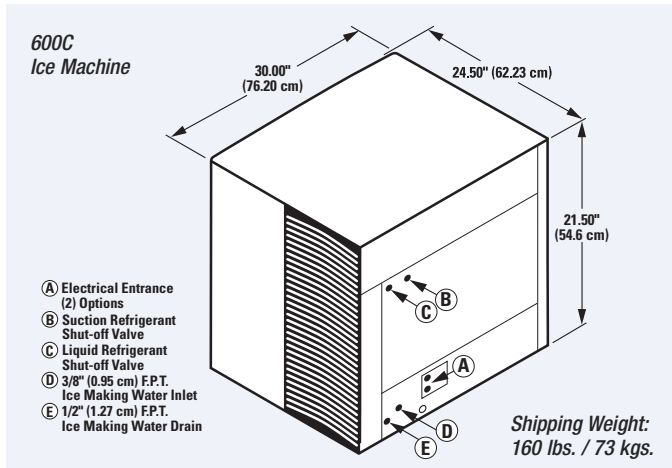
2 Cube Sizes Available



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)



CVD 0675 REMOTE CONDENSING UNIT

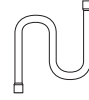
Installation Information and Dimensions:

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: 9.6 1ph
7.3 3ph

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

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

BTU Per Hour:

10,600 (average) 15,700 (peak)

Compressor:

Nominal rating: 1-1/4 HP

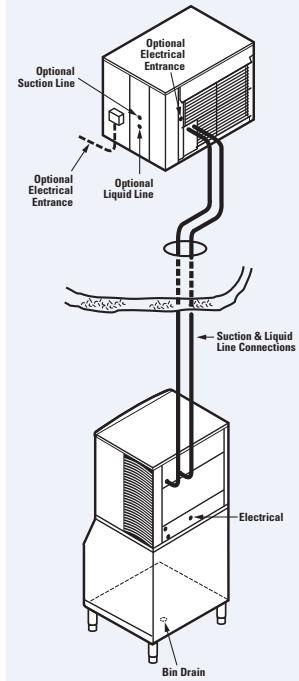
Operating Limits:

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

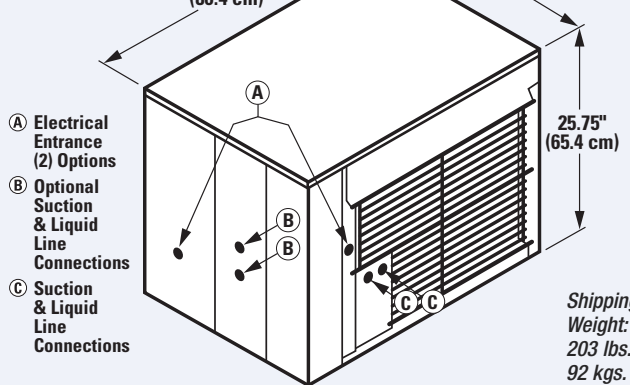
Standard Interconnecting Tubing

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-0675 Condensing Unit



Look for the EnergyMizer™ mark and you'll know you're getting the most from every energy dollar spent on foodservice equipment. www.energymizer.com

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