

QuietQube® S-850C Remote Ice Cube Machine

Air-Cooled Ice Cube Machine
with Patented CVD Technology®



Manitowoc



SY-0874C Ice 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 815 lbs. (370 kgs.) daily ice production
- **Up to 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-850C

REMOTE AIR-COOLED ICE MACHINE

Model	Ice Shape	Ice Production 24 Hours				Power kWh/100 lbs. @ 90°/70°F		CEE* Rating	ENERGY STAR®
		70° Air/50°F Water		90° Air/70°F Water		1 ph	3 ph		
		lbs.	kgs.	lbs.	kgs.				
SY-0874C	half-dice	815	370	705	320	5.5	5.5	Tier 2	★
SD-0872C	dice	665	302	600	272	6.3	6.2	Tier 1	★

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°
	-20° to 70°	815	745	680	70°	665	625	585
	-29° to 21°	370	338	308	21°	302	283	265
	80°	768	725	648	80°	635	613	558
	27°	348	329	294	27°	288	278	253
	90°	720	705	615	90°	605	600	530
	32°	327	320	279	32°	274	272	240

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 (4.4° to 43.3°C)
- Water Temperature Range: 35° 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)

2 Cube Sizes Available

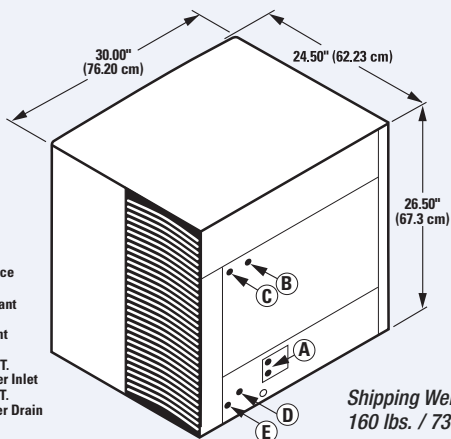


Half Dice
3/8" x 1 1/8" x 7/8"
(.95 x 2.86 x 2.22 cm)



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

850C 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-0885 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: 11.8 1ph
9.1 3ph

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

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

BTU Per Hour:

13,000 (average) 16,000 (peak)

Compressor:

Nominal rating: 1-1/2 HP

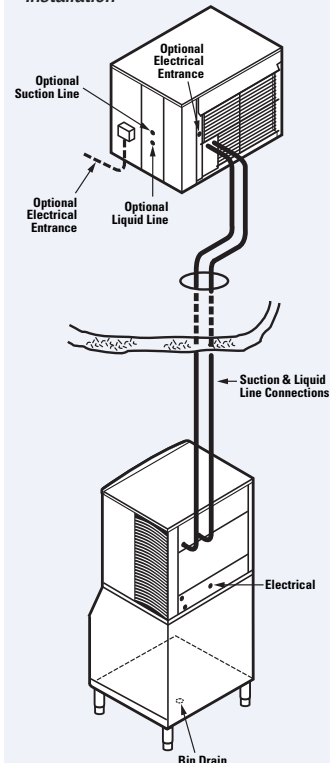
Operating Limits:

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

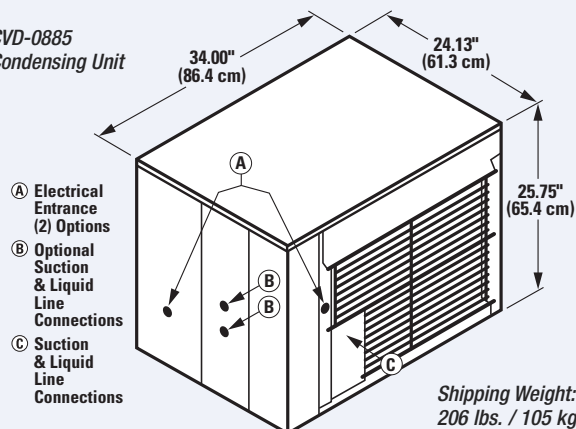
Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-21	20	6	12	5
RC-31	30	9	17	9
RC-51	50	15	27	13

Typical Installation



CVD-0885 Condensing Unit



- (A) Electrical Entrance (2) Options
- (B) Optional Suction & Liquid Line Connections
- (C) Suction & Liquid Line Connections



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