

# QuietQube® S-1470C Remote Ice Cube Machine



Air-cooled Ice Cube Machine with Patented CVD Technology®



SD-1472C Ice Cube Machine - 115V



CVD Condensing Unit - 208V



SD-1472C Ice Machine  
on a B-570 Bin



Two SD-1472C Ice Machines  
on a F-1650 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. To minimize the frequency of cleaning, we molded AlphaSan® into select plastic components to reduce biofilm, often called slime.

- Up to 1,400 lbs. (635 kgs.) daily ice production
- CEE Tier 3 energy and water efficiency rating
- Only 30" (76.2 cm) wide, 25" (63.5 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 QuietQube® S-1470C


## REMOTE AIR-COOLED ICE MACHINE

Model	Ice Shape	Ice Production 24 Hours		Power kWh/ 100 lbs. @ 90°/70°				ENERGY STAR®
		lbs.	kgs.	1 ph	CEE* Rating	3 ph	CEE* Rating	
SY-1474C	half-dice	1,235	560	4.5	Tier 3	4.3	Tier 3	★
SD-1472C	dice	1,220	553	4.5	Tier 3	4.3	Tier 3	★

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.	
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°		
70°	1,400	1,300	1,200	70°	1,380	1,290	1,200		
21°	635	590	544	21°	626	585	544		
90°	1,250	1,235	1,075	90°	1,225	1,220	1,060		
32°	567	560	488	32°	556	553	481		
100°	1,170	1,090	1,010	100°	1,145	1,070	990		
38°	531	494	458	38°	519	485	449		

†Production for Dice and Half Dice cubes.

### 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 43.3°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)

### AuCS® SO Accessory



Automatic Cleaning System purchased as an option and installed in the field.

### 2 Cube Sizes Available

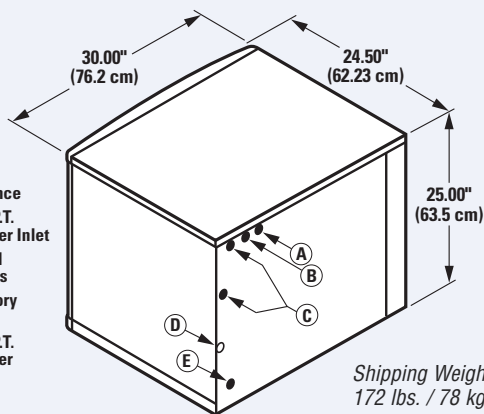


Half Dice  
 3/8" x 1 1/8" x 7/8"  
 (.95 x 2.86 x 2.22 cm)



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

1470C  
 Ice Machine



## CVD-1485 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: 20 1ph  
 15 3ph

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

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

BTU Per Hour:

19,000 (average) 22,000 (peak)

Compressor:

Nominal rating: 1.75 HP

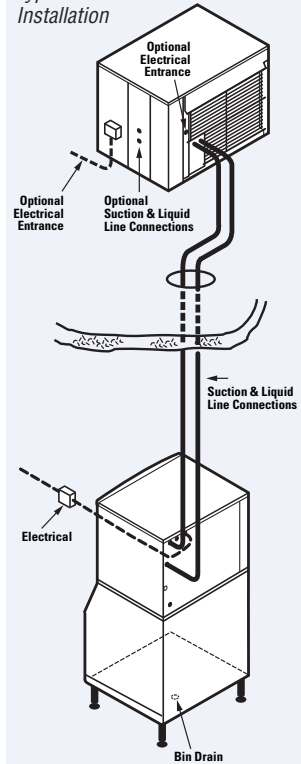
Operating Limits:

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

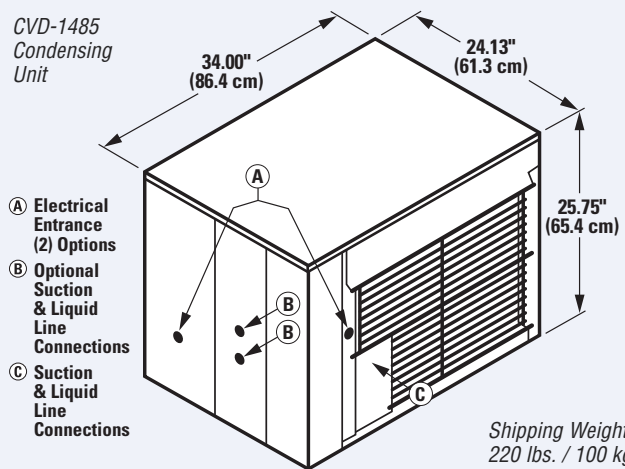
### Standard Interconnecting Tubing

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

### Typical Installation



CVD-1485  
 Condensing  
 Unit



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