

# Ice/Beverage Series 1000C Remote Ice Cube Machine

with Patented CVD Technology®



**Manitowoc®**



**An Ice Machine Designed Specifically for Beverage Dispensers**

Ice/Beverage Series IB-1000C ice machine - 115V  
Servend MD-175 beverage dispenser  
An "NSF Listed" Ice/Beverage Dispenser Combination



CVD Condensing Unit - 208-230V

- Narrow, small footprint enhances cleanability; allows for improved sanitation procedures for the ice storage area and beverage valves. Will not obstruct sight lines. Also allows for convenient manual loading of ice in dispenser to satisfy peak ice usage
- Can be installed or retrofitted to virtually any commercial beverage dispenser
- Only 14" (35.56 cm) deep, 22" (55.88 cm) wide, and 30.5" (77.47 cm) high
- Up to 980\* lbs. (445 kgs.) daily ice production  
\*Production rating outside the scope of ARI Standard 810.
- Quiet operation eliminates most noise from the refrigeration system. Promotes relaxing atmosphere
- Stainless steel exterior with fit and finish of an appliance enhances any self-serve environment
- Patented built-in cleaning and sanitizing technology
- Ice machine is lighter in weight. 115 volt simplifies installation and maintenance
- CVD technology improves reliability and extends life of the compressor
- Ice/Beverage ice machines do not have stack-on capability
- Ice/Beverage QuietQube® series remote system consists of an ice machine head section, a CVD remote condensing unit, interconnecting refrigerant lines and a dispenser adapter. All ordered separately. Ice/Beverage QuietQube ice cube machine with CVD condensing unit is designed as a Manitowoc system and not for use with any other ice machine or remote condenser brand
- 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 components



ISO 9001 Quality  
System Certified

**America's #1 Selling Ice Machine**

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

**Manitowoc**  
Foodservice Group


# Manitowoc Ice/Beverage IB-1000C Remote Series

## REMOTE AIR-COOLED ICE MACHINE

Model	Cube size	Ice production 24 hours		Power*	
		lbs.	kgs.	kWh/100 lbs.	
IB-1022DC	dice	900	409	6.3 1ph	6.3 3ph
IB-1024YC	half-dice	900	409	6.3 1ph	6.3 3ph

Water usage/100 lbs./45.4 kgs. of Ice • Potable Water: 20.4 gallons, 77 liters

Ice machine for use with ice dispenser, CVD condensing unit and dispenser adapter. 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.** (208-230/60/1 and 230/50/1 also available.)

115/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord and NEMA 5-15P plug configuration. 208-230/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord only, no plug is supplied.

**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: 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)
- Refrigerant: R-404A



24-HOUR PRODUCTION †		lbs. kgs.	
REMOTE AIR-COOLED UNIT			
air temp	water temp		
°F	50°	70°	90°
°C	10°	21°	32°
-20° to 70°	980	910	840
-29° to 21°	445	413	381
90°	960	900	820
32°	436	409	372
100°	920	860	780
38°	418	390	354

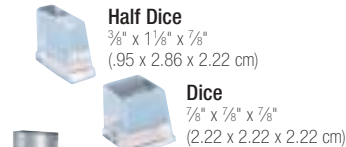
†Production for Dice and Half Dice cubes.

### AuCS® Accessory



AuCS® Automatic Cleaning System

### 2 Cube Sizes Available

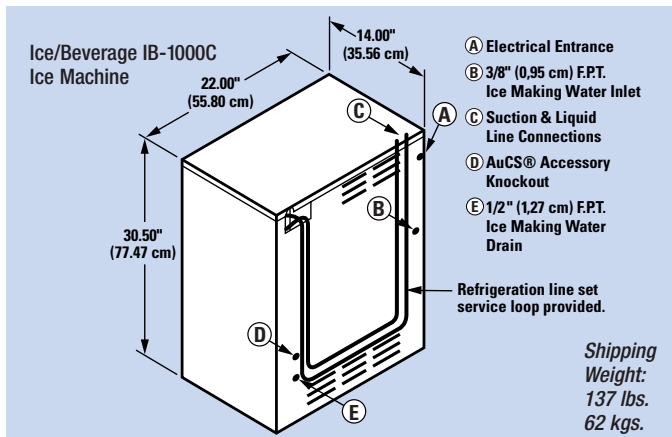


**Half Dice**  
 $\frac{3}{8}$ " x  $1\frac{1}{8}$ " x  $\frac{7}{8}$ "  
 (.95 x 2.86 x 2.22 cm)

**Dice**  
 $\frac{7}{8}$ " x  $\frac{7}{8}$ " x  $\frac{7}{8}$ "  
 (2.22 x 2.22 x 2.22 cm)



**Note:** IB models are designed for use with an Ice/Beverage dispenser. Adapter required. Ordered separately. For attachment to ice storage bin, contact factory.



## CVD 1075 REMOTE CONDENSING UNIT

### Installation Information and Dimensions:

Maximum Line Length—100' (3,000 cm).\*

Maximum Vertical Rise\*—35' (1,050 cm) above ice machine.

Maximum Vertical Drop—15' (450 cm) below ice machine.

\*A rise over 20' (600 cm) 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:** QuietCube ice machine is wired independent of CVD condensing unit.

**Min. circuit ampacity:** 15.6 1ph  
 10.3 3ph

**Max. fuse size:** 25 amps 1ph  
 20 amps 3ph

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

#### BTU Per Hour:

16,000 (average) 24,700 (peak)

#### Compressor:

Nominal rating: 1-3/4 HP

#### Operating Limits:

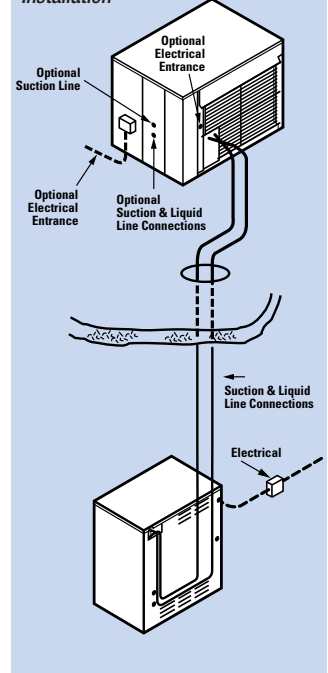
- Ambient Temperature Range: -20° to 130°F (-29° to 54°C)

### Standard Interconnecting Tubing

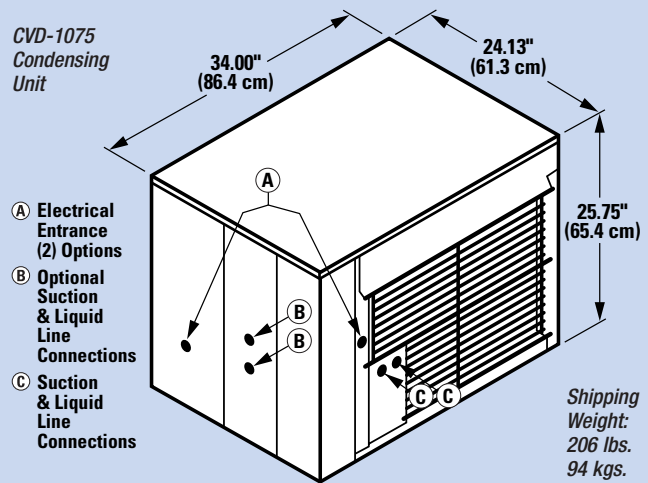
Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-20	20	6	12	5
RC-30	30	9	20	9
RC-50	50	15	28	13



### Typical Installation



### CVD-1075 Condensing Unit



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