

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

Ice/Beverage Series 1000C Remote

Ice Cube Machine with CVD Technology®

Patent Pending



*Ice/Beverage Series IB-1000C ice machine - 115V
SerVend MD-175 beverage dispenser*



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*



THE RIGHT CLIMATE FOR LEADERSHIP

Manitowoc

ICE CUBE & FLAKE MACHINES • ICE STORAGE BINS • ICE DISPENSERS


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.	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, consult factory.) 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

BTU Per Hour:

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

Compressor:

Nominal rating: 1.75 HP

Operating Limits:

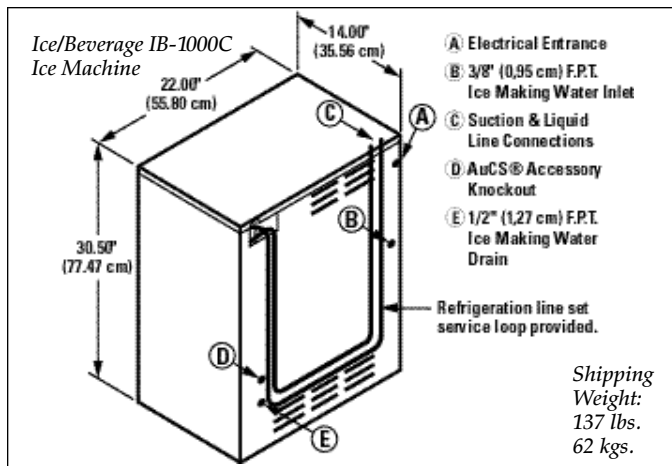
• Ambient Temperature Range:
-20° to 130°F (-29° to 54°C)

• Water Temperature Range:
33° to 90°F (0.6° 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

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



CVD 1075 REMOTE CONDENSING UNIT

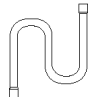
Installation Information and Dimensions:

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: QuietCube ice machine is 115/60/1 and wired independent of CVD condensing unit.

Min. circuit ampacity: 15.6 1ph,
10.6 3ph

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

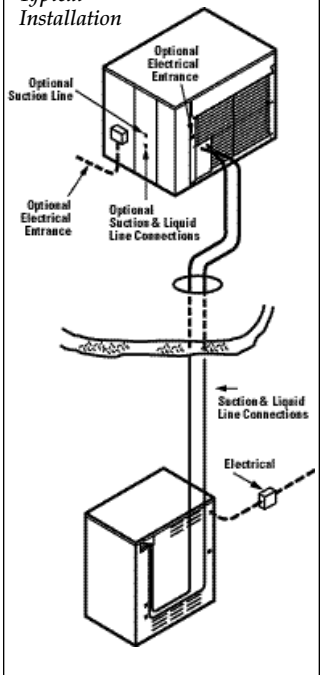
HACR-type circuit breakers can be used in place of fuses.


Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-20	20	6	10	5
RC-30	30	9	15	7
RC-50	50	15	25	12

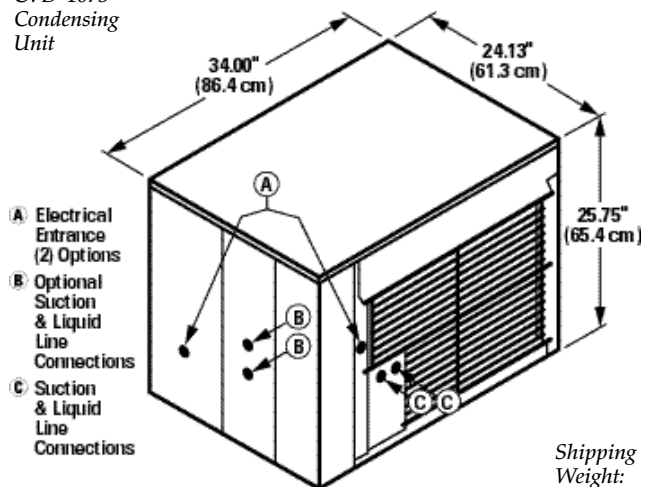


Typical Installation



 ISO 9001 Quality System Certified

CVD-1075 Condensing Unit



Shipping Weight: 206 lbs. 94 kgs.

THE RIGHT CLIMATE FOR LEADERSHIP

Consult your local Manitowoc Representative:

Manitowoc Ice, Inc.
 2110 South 26th Street, P.O. Box 1720 • Manitowoc, WI 54221-1720, USA
 Ph: 920-682-0161 • Fax: 920-683-7589

www.manitowocice.com



©2001 Manitowoc 9807 Fax - 3/01

Continuing product improvement may necessitate change of specifications without notice.

