Manitowoc®

INDIGO® NXT

50Hz

Ice/Beverage Series 1020C Remote Ice Cube Machine

with Patented CVD Technology®

Model

☐ IBT1020C

An Ice Machine Designed Specifically for Beverage Dispensers







Ice/Beverage Series 1020C ice machine - 230V
Servend SV-250 beverage dispenser
An "NSF Listed" Ice/Beverage Dispenser Combination



CVD Condensing Unit - 230/50/1

QuietQube ice machine with CVD condensing unit is designed as a Manitowoc system and cannot be used with any other ice machine or remote condenser brand.

Ice Shape



Half Dice
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2.22 cm)

Standard Features

IB Series QuietQube® Remote System consists of a remote condensing unit, interconnecting refrigerant lines, ice machine head section along with a countertop dispenser, or ice storage bin. All ordered separately.

- **Space-Saving Design** - up to 1100 lbs. (499 kgs.) daily ice production in narrow 22" footprint eases sanitation procedures for the ice storage area and beverage valves.
- 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" (77.50 cm) high.
- **Quiet Operation** - eliminates most noise from the refrigeration system Promotes a relaxing atmosphere.
- **easyTouch® Display** – New icon based touch screen takes the guess work out of owning and operating an ice machine.
- **Programmable Ice Production** – Now its super easy to program your ice machine to be off at certain times of the day to save money with fluctuating electrical rates. Also programmable by daily ice production volume and night time programming.
- **Easy to Clean Foodzone** – Lift off front door for easy access. Removable water-trough, distribution tube, curtain, water probe and water pump for fast and efficient cleaning. Selected components are made with AlphaSan® antimicrobial.
- **Intelligent Diagnostics** – Provides 24 hour preventative maintenance and diagnostic feedback for trouble free operation.
- **Acoustical Ice Sensing Probe** – Unique patented technology allows for reliable operation in challenging water conditions and environments
- Available **LuminIce® II Virus and Bacteria Inhibitor** Controls viruses, bacteria, mold and yeast within the food zone to keep the ice machine clean longer. A new sanitation icon lets you know the operational status
- **Active Sense** – insures consistent ice harvest in all environmental conditions. This software works in conjunction with the acoustical ice sensing probe improving reliability and performance.



NSF c UL US LISTED CE AQ ISO 9001:2015

Ice/Beverage Series 1020C Remote Ice Cube Machine
with Patented CVD Technology®

2110 South 26th Street
Manitowoc, WI 54220

Tel: 1.920.682.0161
Fax: 1.920.683.7589

www.manitowocice.com

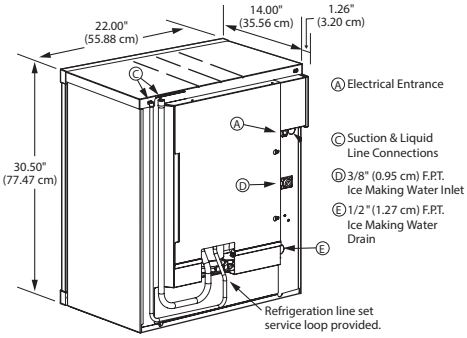
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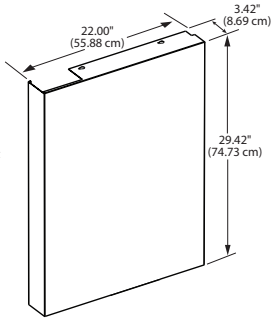
Ice/Beverage iBT1020C Ice Machine



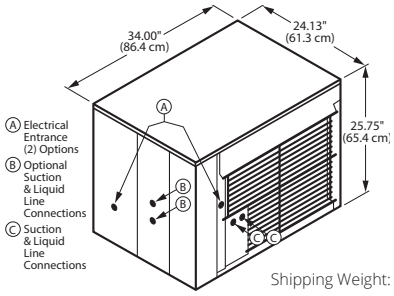
Shipping Weight: 148 lbs. / 67 kgs.

Accessory Rear Cover K-00436

(for use with iBT1020C only)



CVDT1200A Condensing Unit



Shipping Weight: 208 lbs. / 94 kgs.

Ice Machine Electric

230/50/1 standard.

Total Amps: 1.0

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 43.4˚C)
- Water Temperature Range: 40˚ to 90˚F (4.4˚ to 32.2˚C)
- Water Pressue Ice Maker Water In: Min 20 psi (137.9kPA) / Max 80 psi (551.1 kPA)

Refrigerant: R-410A

Remote Air-cooled Ice Machine

Model	Ice Shape	Ice production 24 hours		Power kWh/ 100 lbs @ 90°Air/70°F*	Potable Water Usage/ 100 lbs. 45.4 kgs. of Ice*
		70°Air/50°F Water	90°Air/70°F Water*		
IBT1020C	half-dice	1050 lbs.	905 lbs.	4.50	20 gal.
		476 kgs.	411 kgs.		75.7 L.

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 available in 230v/50/1 phase

Interconnecting Tubing with Required Communication Wire*

Required Line Set

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



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

230v/50/1

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

Min. circuit ampacity:

12.8 *1ph*

Max. fuse size:

20 amps *1ph*

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

BTU Per Hour:

16,200 (Avarage) 19,100 (peak)

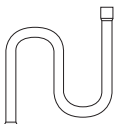
Compressor:

Nominal rating: 1.75 HP

Operating Limits:

- Ambient Temperature Range: -20˚ to 120˚F (-29˚ to 48.9˚C)

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.*

Accessories

LuminIce® II Virus and Bacteria Inhibitor
controls viruses and bacteria inside the ice machine



External Scoop holder
protect the ice scoop with the NSF approved versatile scoop holder.



Arctic Pure® Plus Water Filters
reduce sediments and chlorine contaminants down to .5 microns. Use with a Pre-filter is recommended.



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