Manitowoc®

Project _____
Item _____
Quantity _____
CSI Section 11400
Approved _____
Date _____

QuietQube® RNF-1020C
Remote Nugget Ice Machine

Models

☐ RNF-1020C



RNF-1020C Remote Nugget Ice Machine - 115V



RCU Condensing Unit - 208-230V



RNF-1020C Remote Nugget Ice Machine on D-570 Bin

Standard Features

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 RCUF condensing unit is designed as a Manitowoc system and not for use with any other ice machine or remote condenser brand.

- Bite sized nugget with 85% ice content offers one of the best ice to water ratios for maximum cooling and minimal drink dilution
- Up to 1,025 lbs. (465 kg) of daily ice production
- Perfect for beverage applications, dispensing, smoothies, and cold therapy
- Can be paired with any 22” Servend beverage dispenser for an unbeatable soft-drink experience
- High load maintenance free bearings for enhanced reliability
- Stainless steel exterior has a clean and modern look to enhance the display in any self-serve environment
- Evaporator is designed for maximum quality and operating life



Ice Shape

Nugget ice consists of small pieces ranging from 3/8" to 1/2" in width and length. Offers a 85% ice to water ratio with a soft, chewable texture while still providing maximum cooling and great dispensability.



Ice shown actual size

UL STD 563
CAN/CSA-C22.2 No. 120

SANITATION
NSF/ANSI STD 12

AutoQuotes

QuietQube® RNF-1020C Remote Nugget Ice Machine

2110 South 26th Street
Manitowoc, WI 54220

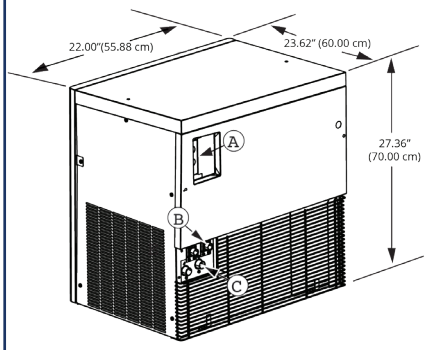
Tel: 1.920.682.0161
Fax: 1.920.683.7589

www.manitowocice.com
6517D 2/2023

Manitowoc®

QuietQube® RNF-1020C Remote Nugget Ice Machine

RNF-1020C Ice Machine



Shipping Weight: 195 lbs. / 88 kgs.

Ⓐ 3/8" F.P.T. Ice Making Water Inlet
Ⓑ Refrigerant Lines
Ⓒ Electrical Entrance
Ⓓ 3/4" M.P.T. Drain Fitting

Dispenser Note - Verify with the dispenser manufacturer that the correct agitator and deflector kit for nugget ice dispensing is included with your dispenser purchase.

Ice Machine Electric

115/60/1 standard

Minimum Circuit Ampacity: 2.9

Max. fuse size: 15 amps

The ice machine and condensing unit are powered independently of each other.

Specifications

Refrigerant: R404A

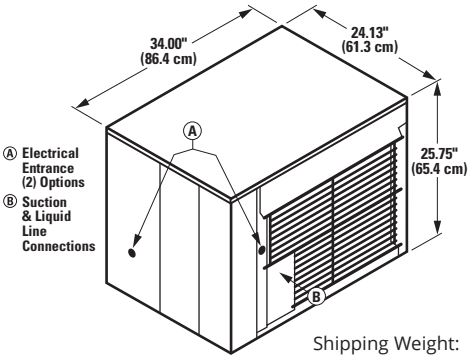
Operating Limits:

- Ambient Temperature Range: 50°-100°F (14.4°-37.8°C)
- Water Temperature Range: 45°-90°F (7.2°-32.2°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPA) Max. 70 psi (483 kPA)

Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs
RC-51	50	15	28	13

RCUF-1000 Condensing Unit



Shipping Weight: 200 lbs / 91 kg

Condensing Unit Electric

208-230/60/1 standard.

Note: QuietQube ice machine is wired independent of condensing unit.

Min. circuit ampacity:	15 *1ph*	15 *3ph*
Max. fuse size:	15 *1ph*	15 *3ph*

BTU Per Hour: 7,680 (average)
14,000 (peak)

Compressor: Nominal rating: 1.5 HP

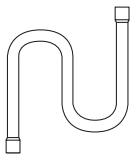
Operating Limits:

Ambient Temperature Range:
-20° to 120°F (-29° to 49°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*



Remote Air-cooled Ice Machine

Model	Ice Shape	Ice Production 24 Hours		Power Usage 90°Air/ 70°F Water 32°Air/21°C Water	Potable Water Usage / 100 lbs. 45.4 kgs. of Ice
		70°Air/ 50°F Water 21°Air/10°C Water	90°Air/ 70°F Water 32°Air/21°C Water		
RNF-1020C	Nugget	1025 lbs.	840 lbs.	4.53	12 Gal.
		465 kgs	381 kgs		45.4 L

Order ice storage bin separately. Will not accept AuCS accessory.

Manitowoc Ice reserves the right to make changes to the design or specifications without prior notice.

2110 South 26th Street
Manitowoc, WI 54220

Tel: 1.920.682.0161
Fax: 1.920.683.7589

www.manitowocice.com

6517D 2/2023