Manitowoc®

RNP0320
NUGGET ICE MACHINE

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

RNP0320 Nugget Ice Machine

Models

- RNP0320A



RNP0320A Nugget Ice Machine on Multiplex SV-250 Dispenser

Model RNP0320A Nugget Ice Machine on D-420 Bin

Standard Features

- 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 308 lbs (140 kg) of daily ice production
- Perfect for beverage applications, dispensing, smoothies, and cold therapy
- Can be paired with any Multiplex beverage dispenser for an unbeatable soft drink experience
- High load maintenance free bearings for enhanced reliability
- R290 Refrigerant is environmentally friendly with less ozone depletion compared to R404



Specifications

BTU per hour:
7,511 (average)

Compressor:
Nominal rating: 3/4 HP

Refrigerant:
R290

Operating Limits:

- Ambient Temperature Range: 50˚-110˚F (10˚-43˚C)
- Water Temperature Range: 37˚-90˚F (3˚-32˚C)
- Water Pressure Ice Maker Water In:
  Min. 14 psi (96.5 kPA)
  Max. 80 psi (551.1 kPA)

Ice Machine Electric

115/60/1 standard. (230/50/1 also available.)

Minimum circuit ampacity:
7.5 amps.

Maximum fuse size:
15 amps.

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

Ice Shape

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



Ice shown actual size

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

SANITATION
NSF/ANSI STD 12

AutoQuotes

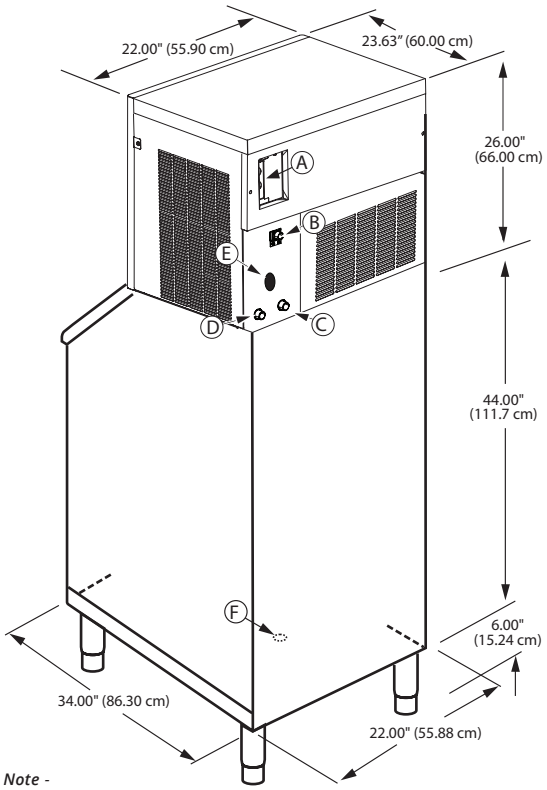
2110 South 26th Street
Manitowoc, WI 54220

Tel: 1.920.682.0161
Fax: 1.920.683.7589

www.manitowocice.com
4988F
07/22

RNP0320 Nugget Ice Machine

RNP0320 on D-420



Installation Note -
Minimum installation clearance: Top/sides: 8" (20.32 cm), Back: 5" (12.70 cm).

Dispenser Note -
Verify with the dispenser manufacturer that the correct agitator and deflector kit for nugget ice dispensing is included with your dispenser purchase. Use 9" Discharge Tube for dispenser applications (ships standard with the ice machine).

Ⓐ Electrical Entrance (2) Options

Ⓑ 3/8" F.P.T. Condenser Inlet (water-cooled only)
Ⓒ 1/2" M.P.T. Condenser Drain (water-cooled only)
Ⓓ 1/2" M.P.T. Ice Making Water Drain
Ⓔ 3/8" F.P.T. Ice Making Water Inlet

Ⓕ 3/4" Bin Drain

Space-Saving Designs



RNP0320A on D-420

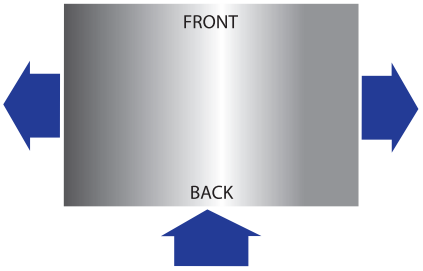
Height	76.00"
	193.00 cm
Width	22.00"
	55.90 cm
Depth	34.00"
	86.36 cm
Bin Storage	310 lbs
	140.7 kg

Height includes adjustable bin legs 6.00" to 7.00", (15.24 to 17.78 cm) set at 6.00" (15.24 cm).

Accessories

K00472 30" D Style Bin Adapter

Air Flow Overhead View



Air in Back, Out Sides.

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 21° Air/10° C Water	90° Air/70°F Water 32° Air/21° C Water		
	RNP0320A	Nugget	308 lbs	236 lbs	6.88	12 gal
			140 kg	107 kg		45.4 L

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

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