RNP1100

Manitowoc Nugget Ice Machine

RNP1100A | RNP1100W



Model RNP1100A
Nugget Ice Machine on D-570 Bin.
Ice machine and bin sold separately.

ICE SHAPES



- **Nugget:** 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 effect and dispensability.

SIZE

- Up to 860 lbs (189.2 kgs) of daily ice production
- 30" (76.20 cm) wide, 34" (86.36 cm) deep, and 77.4" (196.6 cm) high including 6" (15.24 cm) legs
- 532 lb (241 kgs) ice bin storage capacity*

*Application capacity based on 90% volume x 33 lbs./ft^3 average density of ice

SPECIFICATIONS

Refrigerant: R290

- Air-cooled: 5.3 oz (150 g)
- Water Cooled: 5.3 oz (150 g)

BTU Per Hour

- Air-cooled:
  - 11,976 (average)
- Water-cooled:
  - 5,118 (average)

Operating Limits

- Ambient temperature range: 50˚ to 110˚F (10˚ to 43.3˚C)
- Water temperature range: 45˚ to 90˚F (7.2˚ to 32.2˚C)
- Water pressure ice maker (water in)
  - Min. 20 psi (137.9 kPA)
  - Max. 70 psi (483 kPA)
- Condenser Inlet Water In (water-cooled only):
  - Min 20 psi (137.9 kPA)
  - Max 150 psi (1034.2 kPA)

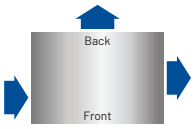
Power: 208-230/60/1 standard, 208-230/50/1 available

- Minimum circuit ampacity (amps)
  - Air-cooled: 14.2 (1 ph)
  - Water-cooled: 13.7 (1 ph)
- Maximum fuse size:
  - Air-cooled: 20 (1 ph)
  - Water-cooled: 20 (1 ph)

FEATURES

- Bite sized nugget with 85% ice content offers one of the best ice to water ratios for maximum cooling and minimal drink dilution
- Perfect for beverage applications, dispensing, smoothies, and cold therapy
- Can be paired with any 30" beverage dispenser for an unbeatable soft-drink experience
- High load maintenance free bearings for enhanced reliability
- Evaporator is designed for maximum quality and operating life

Air Flow, Top View



Air in the side.
Air out the back and side.

Manitowoc
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INSTALLATION

Ice machine must be installed indoors.

Required clearance for
- Top/side: 8" (20.32 cm)
- Back: 5" (12.7 cm)

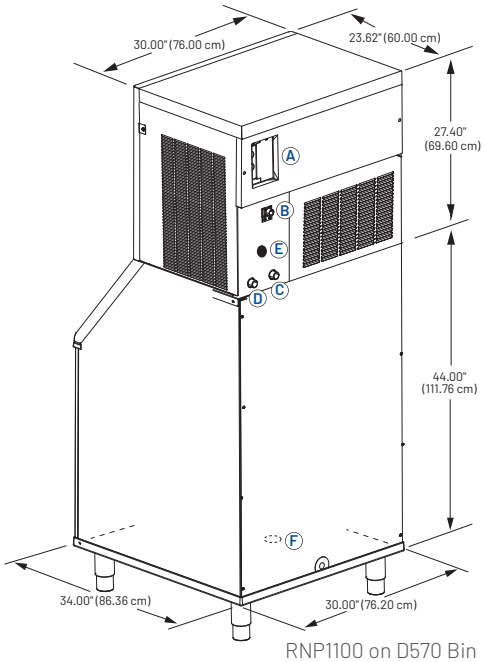
Air-Cooled Units

A Electrical Entrance (2) Options
B 3/8" F.P.T. Ice Making Water Inlet
C 1/2" (1.27 cm) M.P.T. Ice Making Water Drain
D N/A
E N/A
F 3/4" (1.91 cm) F.T.P. Bin Drain

Water-Cooled Units:

A Electrical Entrance (2) Options
B 3/8" (0.95 cm) F.P.T. Water Condenser Inlet
C 1/2" (1.27 cm) M.P.T. Condenser Drain
D 1/2" (1.27 cm) M.P.T. Ice Making Water Drain
E 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
F 3/4" (1.91 cm) F.T.P. Bin Drain

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



RNP1100 on D570 Bin

SPACE-SAVING DESIGN



	RNP1100 D570
Height	77.36" 196.50 cm
Width	30" 76.2 cm
Depth	34.0" 86.36 cm
Bin Storage	532 lbs 241 kgs

Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).

Bin capacity is based on 90% of the volume x 33 lbs/ft³ average density of ice.

Ice machine and bin sold separately.

SPECIFICATIONS

	Model	Ice Shape	Shipping Weight	Ice Production 24 Hours @ 90° Air/70°F Water (32° Air/21°C Water)		Power Usage kWh per 100 lbs of Ice		Ice Machine Potable water usage per 100 lbs Ice	Condenser Water Usage per 100 lbs Ice
				70°Air/50°F Water 21°Air/10°C Water	90°Air/70°F Water 32°Air/21°C Water	1 ph	3 ph		
Air Cooled	RNP1100A	Nugget	275 lbs (125 kgs)	1,003 lbs (454.9 kgs)	754 lbs (342 kgs)	5.06	N/A	12 gal (45.4 L)	N/A
Water Cooled	RNP1100W	Nugget	275 lbs (125 kgs)	1,066 lbs (483.5 kgs)	860 lbs (390 kgs)	3.69	N/A	12 gal (45.4 L)	124.5 gal (56.5 L)

Will not accept iAuCS accessory.

Limited Commercial Warranty

Ice Maker Three (3) years parts and labor

Evaporator Five (5) years parts and labor

Compressor Five (5) years parts, three (3) years labor

Manitowoc
FROM PENTAIR WATER SOLUTIONS

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