INDIGO® NXT

QUIETQUBE® iT2130C

Manitowoc Remote Ice Cube Machine

IDT2130C | IYT2130C



IDT2130C Ice Cube Machine - 115V



CVDT2100 Condensing Unit

ICE SHAPES



- **Half-Dice:** 3/8" x 1⅛" x 7/8" (0.95 x 2.86 x 2.22 cm)



- **Dice:** 7/8" x 7/8" x 7/8" (2.22 x 2.22 x 2.22 cm)

SIZE

- Up to 2,043 lbs (927 kgs) of daily ice production
- 30" (76.20 cm) wide, 24.50" (62.23 cm) deep, and 29.5" (74.93 cm) high

SPECIFICATIONS

Refrigerant: R410A

BTU Per Hour

- CVDT2100 Remote Condensing Unit: 31,500 (average) 35,500 (peak)

Compressor: Nominal Rating - 3.5 HP

Operating Limits

- iT2130C Ice Machine
  - 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 pressure ice maker (water in)
    - Min. 20 psi (137.9 kPA)
    - Max. 80 psi (551.1 kPA)
- CVDT2100 Remote Condensing Unit
  - Ambient temperature range: -20˚ to 120˚F (-29˚ to 48.9˚C)

Power

- iT2130C Ice Machine
  - 115/60/1 standard
  - Total Amps: 1.1
  - Maximum Fuse Size: 15 Amps
- CVDT2100 Remote Condensing Unit
  - 208-230/60/1 standard, 208-230/60/3 available
  - Minimum Circuit Ampacity: 40 1ph / 30 3ph
  - Maximum Fuse Size: 50 amps 1ph / 30 amps 3ph
- Notes:
  - HACR-type circuit breakers can be used in place of fuses.
  - QuietQube ice machine power supply is wired independent of CVD condensing unit.

FEATURES

- QuietQube Series Highlights
  - The remote system includes a condensing unit, refrigerant lines, ice machine head, and bin or dispenser, all ordered separately and compatible only with Manitowoc components.
  - Produces up to 2,043 lbs (927 kgs) of ice daily within a compact 30" width.
  - The remote design minimizes refrigeration noise for quiet operation.
  - The easyTouch® touchscreen simplifies user interaction.
  - Ice production can be scheduled by time, volume, or off-peak hours.
  - Cleaning is easy with a hinged door and antimicrobial components.
  - Smart diagnostics provide continuous maintenance alerts and troubleshooting.
  - A patented acoustical probe ensures reliable ice sensing across water conditions.
  - The DuraTech® exterior resists corrosion, fingerprints, and dirt.
  - The optional Luminlce® II system inhibits viruses, bacteria, mold, and yeast.
  - Active Sense technology maintains consistent ice harvests in any environment.

ACCESSORIES

- Luminlce® II Virus and Bacteria Inhibitor Controls viruses and bacteria in the ice machine.
- External Scoop Holder
  Protect the ice scoop with the NSF approved versatile scoop holder.
- iAuCS®
  Schedules and performs routine ice machine cleaning automatically
- Arctic Pure® Plus Water Filters
  Reduce sediments and chlorine contaminants down to 0.5 microns. Use with a pre-filter is recommended.



Luminice II



External Scoop Holder



iAuCS®



Arctic Pure Water Filters

Manitowoc
FROM PENTAIR WATER SOLUTIONS

QUIETCUBE iT2130C

Manitowoc Remote Ice Cube Machine

IDT2130C | IYT2130C

INSTALLATION

iT2130C Ice Machine
Ice machine must be installed indoors.

Required clearances
- top: 2"
- sides: 8"
- back: 5"

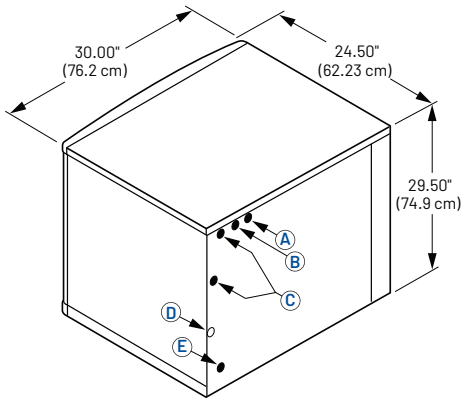
A Electrical Entrance

B 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet

C Suction & Liquid Line Connections

D AuCS Accessory Knockout

E 1/2" (1.27 cm) F.P.T. Ice Making Water Drain



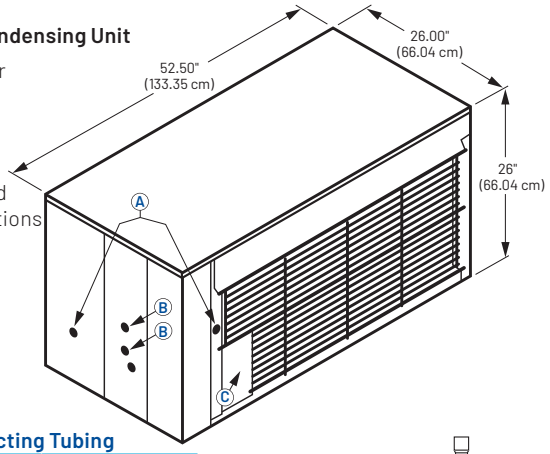
CVDT2100 Remote Condensing Unit

Required clearance for
- front: 48" (121.92 cm)
- back: 48" (121.92 cm)

A Electrical Entrance

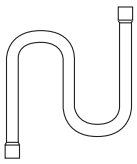
B Optional Suction and Liquid Line Connections

C Suction and Liquid Line Connections



Standard Interconnecting Tubing

Model	Line Length	Weight
RC-30	30 ft (9.2 m)	25 lbs (11 kgs)
RC-50	50 ft (15.2 m)	39 lbs (18 kgs)



S-Trap Kit K00166

Condensing Unit 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 K00166 - ordered separately.

SPECIFICATIONS

iT2130C Ice Machine		Ice Production 24 Hours		Power Usage kWh per 100 lbs (45.4 kgs) of ice†	Potable Water Usage gal per100 lbs (45.4 kgs) ice†
Model	Ice Shape	70°Air/50°F Water 21°Air/10°C Water	90°Air/70°F Water 32°Air/21°C Water	@ 90° Air/70°F Water (32° Air/21°C Water)	
IDT2130C	Dice	1,998 lbs (906 kgs)	1,682 lbs (763 kgs)	4.66	13.5 gal (51 L)
IYT2130C	Half-Dice	2,043 lbs (927 kgs)	1,774 lbs (805 kgs)	4.43	13.7 gal (52 L)

Ice machine for use with ice storage bin or ice dispenser and CVD condensing unit 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.
†Ratings Certified in Accordance with AHRI Standard 810.

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

For complete warranty terms, visit manitowocice.com/service/warranty. A free copy of the written warranty is available by contacting Pentair at 920-682-0161.

Manitowoc
FROM PENTAIR WATER SOLUTIONS

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