INDIGO® NXT

QUIETQUBE® IYT0600C

Manitowoc Remote Ice Cube Machine

IYT0600C





IYT0600C Ice Cube Machine - 115V





Get the App!

CVDT0600 Condensing Unit

ICE SHAPES



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

SIZE

- Up to 726 lbs (329 kgs) of daily ice production
- Icemaker
  30" (76.20 cm) wide, 24.50" (62.23 cm) deep, and 21.50" (54.6 cm) high
- Condensing unit
  34" (86.4 cm) wide, 24.13" (61.3 cm) deep, and 25.75" (65.4 cm) high

SPECIFICATIONS

Refrigerant: R410A

BTU Per Hour

- CVDT0600 Remote Condensing Unit:
  - 11,800 (average)
  - 13,700 (peak)

Compressor: Nominal Rating - 1 HP

Operating Limits

- IYT0600C 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)
    - Minimum: 20 psi (137.9 kPA)
    - Maximum: 80 psi (551.1 kPA)
- CVDT0600 Remote Condensing Unit
  - Ambient temperature range: -20˚ to 120˚F (-29˚ to 48.9˚C)

Power

- IYT0600C Ice Machine
  - 115/60/1 standard
  - Total Amps: 1.1
  - Maximum: Fuse Size: 15 Amps
- CVDT0600 Remote Condensing Unit
  - 208-230/60/1 standard: 208-230/60/3 available
  - Minimum Circuit Ampacity: 9.0 amps 1ph / 6.6 amps 3ph
  - Maximum Fuse Size: 15 amps 1ph / 15 amps 3ph
- Notes:
  - HVACR-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 726 lbs (329 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

QUIETQUBE IYT0600C

Manitowoc Remote Ice Cube Machine

IYT0600C

INSTALLATION

IYT0600C Ice Machine
Ice machine must be installed indoors.

Minimum clearances:
- top: 2" (5 cm)
- back: 5" (13 cm)
- sides: 8" (20.3 cm)

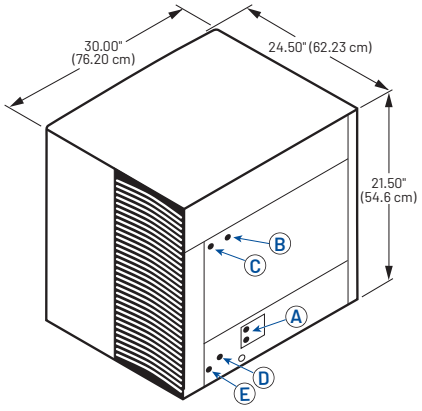
A Electrical Entrance (2 options)

B Suction Refrigeration Shut-off

C Liquid Refrigeration Shut-off Valve

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

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

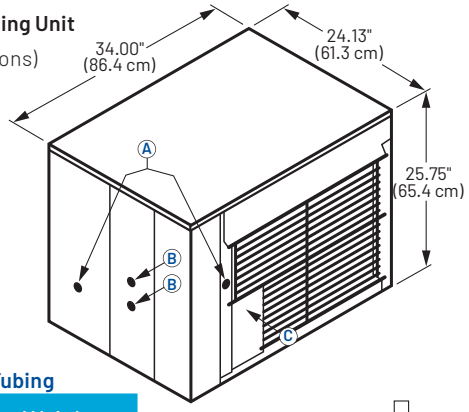


CVDT0600 Remote Condensing Unit

A Electrical Entrance (2 options)

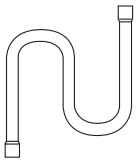
B Optional Suction and Liquid Line Connections

C Suction and Liquid Line Connections



Standard Interconnecting Tubing

Model	Line Length	Weight
RC-31	30 ft (9 m)	17 lbs (8 kgs)
RC-51	50 ft (15 m)	27 lbs (12 kgs)



S-Trap Kit K00172

Condensing Unit Information and Dimensions:
- Shipping Weight: 176 lbs (80 kgs)
- Maximum Line Length: 100 ft (30.5 m).*
- Maximum Vertical Rise*: 35 ft (10.7 m) above ice machine.
- Maximum Vertical Drop: 15 ft (4.5 m) below ice machine.

*A rise over 20' (6 m) requires S-Trap Kit K00172 - ordered separately.

SPECIFICATIONS

	IYT0600C Ice Machine			Ice Production 24 Hours		@ 90° Air/70°F Water (32° Air/21°C Water)	
	Model	Ice Shape	Shipping Weight	70°Air/50°F Water 21°Air/10°C Water	90°Air/70°F Water 32°Air/21°C Water	Power Usage kWh per 100 lbs (45.4 kgs) of ice	Potable Water Usage gal per100 lbs (45.4 kgs) ice†
Air Cooled	IYT0600C	Half-Dice	133 lbs (60 kgs)	726 lbs (329 kgs)	577 lbs (262 kgs)	5.58	15.59 gal (59 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 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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