Manitowoc

INDIGO® NXT

QuietQube® IT1830C Remote Ice Cube Machine

Model: ☐ IDT1830C ☐ IYT1830C

ENERGY STAR



IDT1830C Ice Cube Machine - 115V



CVDT1800 Condensing Unit 208 V



IDT1830C Ice Machine on a D-970 Bin



Two IDT1830C Ice Machines on a LB1760 Bin

*Ice machine and bin sold separately

Air-Cooled Ice Cube Machine with Patented CVD Technology®

QuietQube Series Remote System consists of a remote condensing unit, interconnecting refrigerant lines, ice machine head section along with an ice storage bin, countertop dispenser, or floor dispenser. All ordered separately. QuietQube ice machine with CVD condensing unit is designed as a Manitowoc system and cannot be used with any other ice machine or remote condenser brand.

- **Space-Saving Design** – Up to 1,874 lbs. (850 kgs.) daily ice production and only 30" (76.20 cm) wide.
- **Quiet Operation** - eliminates most noise from the refrigeration system. Promotes a relaxing atmosphere.
- **easyTouch® Display** - New icon based touch screen takes the guess work out of owning and operating an ice machine.
- **Programmable Ice Production** – Now its super easy to program your ice machine to be off at certain times of the day to save money with fluctuating electrical rates. Also programmable by daily ice production volume and night time programming.
- **Easy to Clean Foodzone** – Hung door for easy access. Removable water-trough, distribution tube, splash guard, water probe and water pump for fast and efficient cleaning. Selected components are made with AlphaSan® antimicrobial.
- **Intelligent Diagnostics** – Provides 24 hour preventative maintenance and diagnostic feedback for trouble free operation.
- **Acoustical Ice Sensing Probe** – Unique patented technology allows for reliable operation in challenging water conditions and environments
- **DuraTech® Exterior** – Provides superior corrosion resistant above stainless steel. Innovative clear-coat resists fingerprints and dirt making it easier to keep clean.
- **Available LumaIce® II Virus and Bacteria Inhibitor** – Controls viruses, bacteria, mold and yeast within the food zone to keep the ice machine clean longer. A new sanitation icon lets you know the operational status.
- **Active Sense** – Insures consistent ice harvest in all environmental conditions. This software solution works in conjunction with the acoustical ice sensing probe improving reliability and performance.

Ice Shape



Half Dice
⅜" x 1⅛" x ⅞"
(0.95 x 2.86 x 2.22 cm)



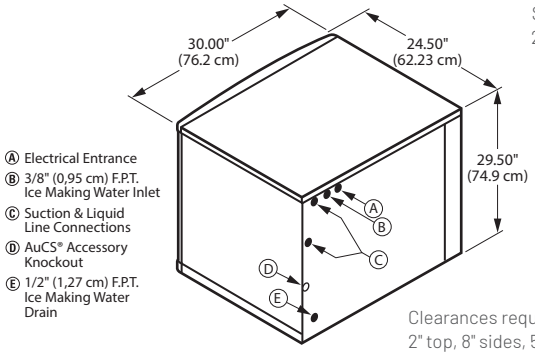
Dice
⅞" x ⅞" x ⅞"
(2.22 x 2.22 x 2.22 cm)

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

AHRI CERTIFIED ENERGY STAR NSF c UL US LISTED CE AQ ISO

QuietQube® IT1830C Remote Ice Cube Machine

IT1830C Ice Machine



Shipping Weight:
223 lbs. / 109 kgs.

Clearances required:
2" top, 8" sides, 5" back.
Additional space may be needed for servicing

Specifications

Operating Limits:

Ambient Temperature Range:
40˚ to 110˚F (4.4˚ to 43.3˚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)

Ice Machine Electric

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

Total Amps: 1.1

Max. fuse size: 15 amps
HACR-type circuit breakers can be used in place of fuses.

Remote Air-Cooled Ice Machine

Model	Ice Shape	Ice Production 24 Hours		Power kWh/ 100 lbs @ 90°/70°F*
		70° Air/ 50° F Water	90° Air/ 70° F Water	
IDT1830C	dice	1,771 lbs/803 kgs	1,500 lbs/680 kgs	4.04 ★
IYT1830C	half-dice	1,874 lbs/850 kgs	1,560 lbs/708 kgs	4.02 ★

★ *ENERGY STAR® 3.0*

Water usage/100 lbs./45.4 kgs. of Ice.

Potable Water: 18.5 gallons, 70 liters*

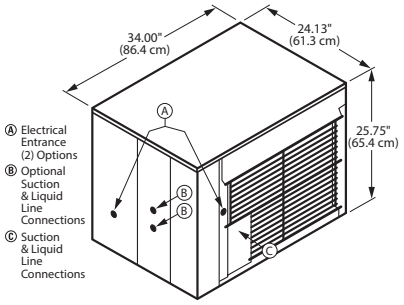
Ice machine for use with ice storage bin or ice dispenser and CVD condensing unit all ordered separately.

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.*

CVDT1800 Remote Condensing Unit



Shipping Weight:
223 lbs. / 109 kgs.

Condensing Unit Electric

208-230/60/1 standard: 208-230/60/3. HACR-type circuit breakers can be used in place of fuses. Note: QuietQube ice machine power supply is wired independent of CVD condensing unit.

Min. circuit ampacity: 25 1ph / 20 3ph

Max. fuse size: 40 amps 1ph / 25 amps 3ph

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

Operating Limits: Ambient temperature range: -20˚ to 130˚F (-29˚ to 54˚C)

BTU Per Hour: 27,000 (average) 31,000 (peak)

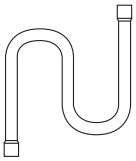
Compressor: Nominal rating: 2.5 HP

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-00166 - ordered separately.*

Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-20	20	6	14	6
RC-30	30	9	20	9
RC-50	50	15	31	14

Accessories

LuminIce® Virus and Bacteria Inhibitor
Controls viruses and bacteria in the ice machine.



iAuCS®
Schedules and performs routine ice machine cleaning automatically.



Arctic Pure® Plus Water Filters
Reduces sediments and contaminants down to 0.5 microns, and 95% of chlorine taste & odor. Use with a pre-filter is recommended.



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