

QuietCube® IT1430C Remote Ice Cube Machine

Model: ☐ IDT1430C ☐ IYT1430C



IDT1430C Ice Cube Machine - 115V



CVDT1400 Condensing Unit



IDT1430C Ice Machine
on a D-970 Bin



Two IDT1430C Ice Machines
on a LB1760 Bin

*Ice machine and bin sold separately

Air-Cooled Ice Cube Machine with Patented CVD Technology®

QuietCube 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. QuietCube 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 1,437 lbs. (651 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 LuminIce® 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

$\frac{3}{8}" \times 1\frac{1}{8}" \times \frac{7}{8}"$
(0.95 x 2.86 x 2.22 cm)



Dice

$\frac{7}{8}" \times \frac{7}{8}" \times \frac{7}{8}"$
(2.22 x 2.22 x 2.22 cm)

Commercial Warranty

Ice Maker three (3) years parts and labor

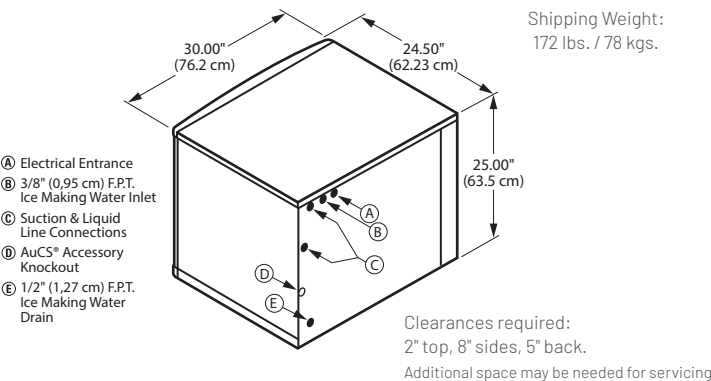
Evaporator five (5) years parts and labor

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



QuietQube® IT1430C Remote Ice Cube Machine

IT1430C Ice Machine



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.
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*	Portable Water Usage 100 lbs. 45.4 kg of Ice*
		70° Air/ 50° F Water	90° Air/ 70° F Water		
IDT1430C	dice	1,320 lbs/599 kgs	1,120 lbs/508 kgs	4.34	19.9 gal / 75.33L
IYT1430C	half-dice	1,437 lbs/652 kgs	1,210 lbs/549 kgs	4.10 ★	

Water usage/100 lbs./45.4 kgs. of Ice. ★ENERGY STAR® 3.0

Potable Water:* 18.5 gallons, 70 liters

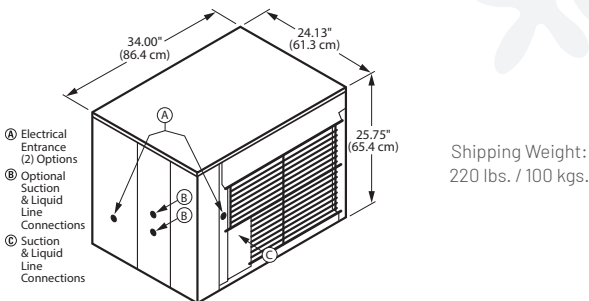
Ice machine for use with ice storage bin or ice dispenser and CVD condensing unit all ordered separately.

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.

CVDT1400 Remote Condensing Unit



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: 20 1ph / 15 3ph

Max. fuse size: 20 amps 1ph / 15 amps 3ph

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

Operating Limits: Ambient temperature range: -20° to 120°F (-29° to 48.9°C)

BTU Per Hour: 17,800 (average) 20,500 (peak)

Compressor: Nominal rating: 1.75 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-00172 - ordered separately.

Standard Interconnecting Tubing

Model	Line Length		Weight	
	ft.	m.	lbs.	kgs.
RC-21	20	6	12	5
RC-31	30	9	17	8
RC-51	50	15	27	12

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.



External Scoop Holder

Protect the ice scoop with the NSF-approved versatile scoop holder.



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