Manitowoc®

50Hz

INDIGO® NXT

QuietQube® iF900C Remote Ice Cube Machine

Air-Cooled Ice Cube Machine with Patented CVD Technology®

Models

☐ IYF0900C



IYF0900C Ice Cube Machine - 230v/50hz/1



CVD Condensing Unit - 230v/50hz/1



IYF0900C
Ice Machine
on a D-570 bin

Standard Features

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 785 lbs. (356 kgs) daily ice production and only 30" (76.20 cm) wide.
- **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.
- **Easy to Clean Foodzone** – Hinged front door swings out for easy access. Removable water-trough, distribution tube, curtain, and sensing probes for fast and efficient cleaning. Select components made with AlphaSan® antimicrobial.
- **Intelligent Diagnostics** – provide 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.
- **Avaiable LuminIce II Growth Inhibitor**- Controls the growth of bacteria and yeast with the food zone keep the machine cleaner longer. A new indicator in the display keeps you abreast of the operational status.



Ice Shape



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

QuietQube® iF900C Remote Ice Cube Machine

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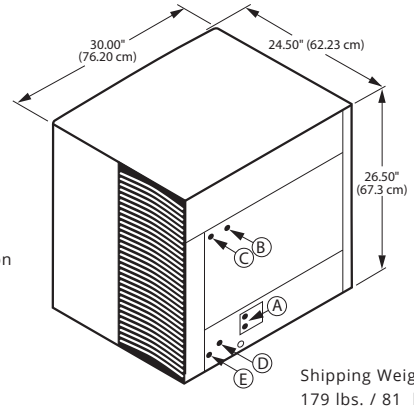
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iF0900C Ice Machine

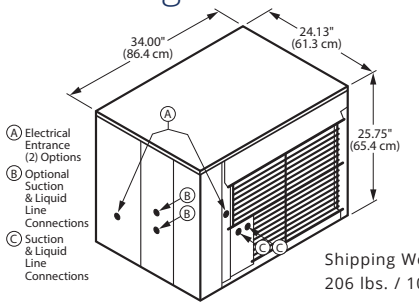


Ⓐ Electrical Entrance (2) Options
Ⓑ Suction Refrigerant Shut-off Valve
Ⓒ Liquid Refrigerant Shut-off Valve
Ⓓ 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
Ⓔ 1/2" (1.27 cm) F.P.T. Ice Making Water Drain

Installation Note
Minimum installation clearance:
Top: 5" (13 cm)
Back: 5" (13 cm)
Sides: 5" (13 cm)

Shipping Weight:
179 lbs. / 81 kg

CVDF0900 Remote Condensing Unit

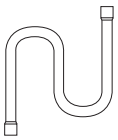


Ⓐ Electrical Entrance (2) Options
Ⓑ Optional Suction & Liquid Line Connections
Ⓒ Suction & Liquid Line Connections

Shipping Weight:
206 lbs. / 105 kgs.

Condensing Unit Electric

230/50/1 standard. 50 Hz version of this model meets the international standard, IEC335-1, requirements for "tropical rating," the most severe duty rating an ice machine can obtain, (consult factory). 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:
12.5 1ph 9.5 3ph
Max. fuse size:
20 amps 1ph 15 amps 3ph
HACR-type circuit breakers can be used in place of fuses.
BTU Per Hour: 12,700 (average) 14,800 (peak)
Compressor: Nominal rating: 1.5 HP
Operating Limits:
Ambient Temperature Range:
-20˚ to 130˚F (-29˚ to 54˚C)
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.



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.

Specifications

Operating Limits:
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)

Refrigerant

R404A CFC- Free

Remote Air-cooled Ice Machine

Model	Ice Shape	Ice Production 24 Hours		Power kWh/ 100 lbs. @90°Air/70°F*
		70°Air/ 50°F Water	90°Air/ 70°F Water	
IYF0900C	dice	785 lbs.	686 lbs.	4.93
		356 kgs.	311 kgs.	
Water usage/100 lbs./45.4 kgs of Ice				
Potable Water: 19 gallons, 71.9 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.
This product is hermetically sealed and contains fluorinated green house gas R404a..

Indigo NXT Remote Tubing Kits

Model	Line Length		Weight	
	ft.	m	lbs.	kg
RC-21	20	6	12	5
RC-31	30	9	17	9
RC-51	50	15	27	13

Accessories

LuminIce® II Virus and Bacteria Inhibitor
controls viruses and bacteria inside the ice machine.



External Scoop holder
protect the ice scoop with the NSF approved versatile scoop holder.



Arctic Pure® Plus Water Filters
reduce sediments and chlorine contaminants down to .5 microns. Use with a Pre-filter is recommended.



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Manitowoc Ice reserves the right to make changes to the design or specifications without prior notice.

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