



QuietQube® iF2100C Remote Ice Cube Machine

Air-Cooled Ice Cube Machine with Patented CVD Technology®

Models

☐ IDF2100C ☐ IYF2100C



IDF2100C Ice Cube Machine - 115V



CVDF2100 Condensing Unit



IDF2100C Ice Machine on a D-970 Bin



Two IDF2100C Ice Machines on a F-1650 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 1811 lbs. (821 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.
- 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
- 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 Growth Inhibitor Controls the growth of bacteria and yeast within the Food zone keeping the machine cleaner longer. A new indicator in the display keeps you abreast of the operational status.



Ice Shape



Half Dice 3/8" x 11/8" x 7/8" (.95 x 2.86 x 2.22 cm)



%" x %" x %" (2.22 x 2.22 x 2.22 cm)







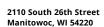








COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001:2008 =

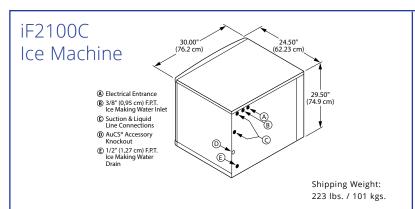


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MANITOWOC[®]





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)

Remote Air-cooled Ice Machine

	Ice Shape	Ice Production 24 Hours			Potable
Model		70°Air/ 50°F Water	90°Air/ 70°F Water	Power kWh/ 100 lbs. @90°Air/70°F*	Water Usage/ 100 lbs. 45.4 kg of Ice*
IDF-2100C	dice	1,800 lbs.	1,625 lbs.	4.54	18 gal.
		816 kgs.	737 kgs.		68 L
IYF2100C	half- dice	1,811 lbs.	1,600 lbs.	4.74	18 gal.
		821 kgs.	726 kgs.		68 L

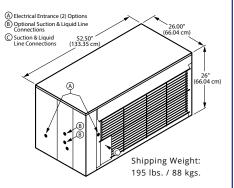
Ice machine for use with ice dispenser, CVD condensing unit and dispenser adapter. All ordered separately. kWh per 100 lbs. is total power of ice machine and condensing unit. Ice machine is 1 ph only. Condensing unit is 1 ph or 3 ph.

*Ratings Certified in Accordance with AHRI Standard 810.

Standard Interconnecting Tubing

	Line Length		Weight	
Model	ft.	m	lbs.	kg
RC-23	20	6.2	17	8
RC-33	30	9.2	25	11
RC-53	50	15.2	39	18

CVDF2100 Remote Condensing Unit



208-230/60/1 standard. 208-230/60/3 also available. 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:

40 1ph 30 3ph

Max. fuse size:

50 amps 1ph 30 amps 3ph

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

BTU Per Hour:

31,500 (average) 35,500 (peak)

Compressor:

Nominal rating: 3.5 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-00166 - ordered separately.



LuminIce® II Growth Inhibitor reduces yeast and bacteria growth for a cleaner ice machine.



Scoop holder Protect the ice scoop

External

with the NSF approved versatile scoop holder.



iAuCS®

Automatic Cleaning System purchased as an option and installed in the field.



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

