

Q-210/270 Ice Cube Machines

Models

☐ QD-0212A	☐ QY-0214A	☐ QD-0272A	☐ QY-0274A	☐ QR-0210A
☐ QD-0213W	☐ QY-0215W	☐ QD-0273W	☐ QY-0275W	☐ QR-0270A



Q-210

- Up to 220 lbs. (100 kgs) daily ice production
- Only 26" (66.04 cm) wide, 26.50" (67.31 cm) deep, and 38.50" (97.79 cm) high on 6" (15.24 cm) legs
- 80 lb. (36.6 kg) ice storage capacity



Q-270

- Up to 290 lbs. (132 kgs) daily ice production
- Only 30" (76.2 cm) wide, 28.16" (71.52 cm) deep, and 38.50" (97.79 cm) high on 6" (15.24 cm) legs
- 100 lb. (45.45 kg) ice storage capacity

Features

- **New Super-Sized Cube** - Perfect for Premium Beverages and Specialty Bars
- **Updated Aesthetics** - Clean, crisp coordinated bin interior
- **Convenient Access to Ice** - Ergonomic angled bin door providing visibility and easy access to ice without bending over
- **Enhanced Function** - EZ slide door elevates the user experience and improves product reliability
- **Improved Sanitation** - AlphaSan® added to key internal components to extend time between cleanings
- **Simplified Installation** - New flat right angle plug for easier installation in tight spaces
- Manitowoc proven vertical evaporator using proprietary technology – made in Manitowoc, WI.
- Bin door slides up and out of the way for maximum access
- Stainless steel exterior
- Patented cleaning and sanitizing technology
- R-404A CFC-free refrigerant

Ice Machine Electric

115/60/1. (208-230/60/1 and 230/50/1 available.) 115/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord and NEMA 5-15P-plug configuration. 208-230/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord only, no plug is supplied.

Total Amps:

Q-210: 115/60/1: Air-cooled: 6.5 amps / Water-cooled: 6.1 amps
208-230/60/1: Air-cooled: 3.6 amps / Water-cooled: 3.1 amps

Q-270: 115/60/1: Air-cooled: 10.7 amps. / Water-cooled: 9.9 amps.
208-230/60/1: Air-cooled: 5.2 amps / Water-cooled: 4.7 amps

Maximum fuse size:

Air and Water-cooled: 15 amps
HACR-type circuit breakers can be used in place of fuses.

Ice Shape



Half Dice
3/8" x 1 1/8" x 7/8"
(.95 x 2.86 x 2.22 cm)



Dice
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)



Regular
1 1/8" x 1 1/8" x 7/8"
(2.86 x 2.86 x 2.22 cm)

Specifications

BTU Per Hour:

Q-210: 2,400 (average)
3,400 (peak)

Q-270: 3,800 (average)
6,000 (peak)

Compressor:

Nominal rating: 1/3 HP

Cupra-Nickel Condenser:

(Water-cooled models)
Adds protection from corrosive water elements.

Operating Limits:

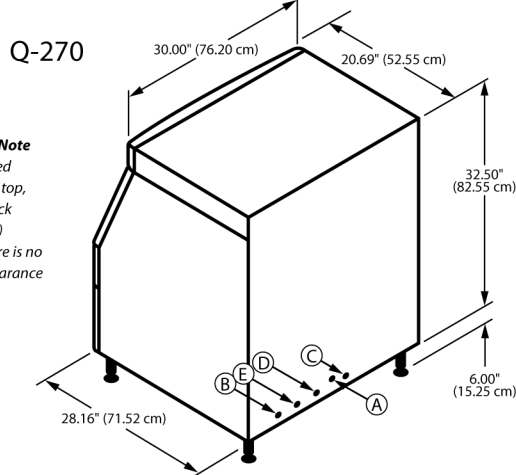
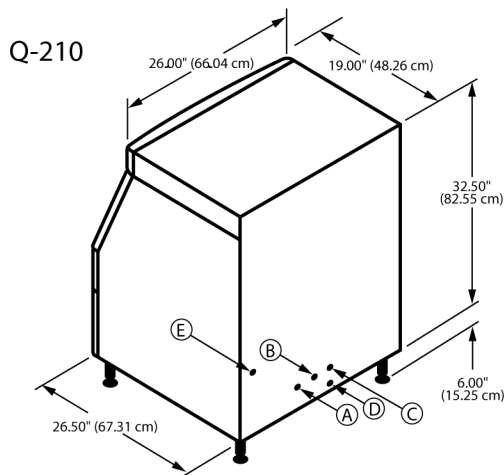
• Ambient Temperature Range:
40° to 110°F (4.4° to 43.3°C)

• Water Temperature Range:
45° 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)

• Condenser Inlet Water In:
(Water-cooled only)
Min. 20 psi (137.9 kPa)
Max. 150 psi (1,034.2 kPa)





Installation Note
Recommended clearance for top, sides, and back is 5" (12.7 cm) however, there is no minimum clearance required.

- (A) Electrical Entrance (2) Options
- (B) 3/8" (0.95 cm) F.P.T. Ice Making Water Inlet
- (C) 1/2" (1.27 cm) F.P.T. Minimum Water Condenser Outlet (water-cooled units)

- (D) 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- (E) 1/2" (1.27 cm) F.P.T. Ice Bin Drain

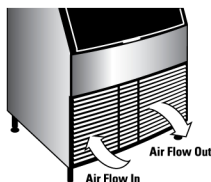
- (A) Electrical Entrance (2) Options
- (B) 1/2" (0.95 cm) F.P.T. Ice Making Water Inlet
- (C) 1/2" (1.27 cm) F.P.T. Minimum Water Condenser Outlet (water-cooled units)

- (D) 3/8" (0.95 cm) F.P.T. Water Condenser Inlet (water-cooled units)
- (E) 1/2" (1.27 cm) F.P.T. Ice Bin Drain

Specifications

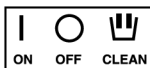
Model	Ice Shape	Ice Production 24 Hours				Power kWh/100 lbs. @ 90°/70°	Potable water usage gal/100 lbs. ice @ 90°/70°F	ENERGY STAR®
		70°F Air/50°F Water 21° Air/10°C Water		90°F Air/70°F Water 32° Air/21°C Water				
		lbs.	kgs	lbs.	kgs			
QR-0210A	regular	210	95	140	64	10.3	34	
QD-0212A	dice	215	98	147	67	10.3	34	★
QD-0213W	dice	220	100	181	82	7.1	34	
QY-0214A	half-dice	215	98	147	67	10.3	34	★
QY-0215W	half-dice	220	100	181	82	7.1	34	
QR-0270A	regular	275	125	200	91	9.5	32	
QD-0272A	dice	280	127	204	93	9.5	32	
QD-0273W	dice	290	132	233	106	7.7	32	
QY-0274A	half-dice	280	127	204	93	9.5	32	
QY-0275W	half-dice	290	132	233	106	7.7	32	
Water usage/100 lbs./45.4 kgs of Ice								
Water-cooled Condenser: Q-210: 149 gal. / 537 liters • Q-270: 175 gal. / 662 liters								

Air Flow Top View



Air in left, air out right, no side vents. Great for installation under countertops and next to other equipment.

Front Access



Initiate ice, off and clean operations with simple upfront selector switch. No need to remove front panel.

Air Filter



Slides out from left side front without tools, easy to clean, reusable filter protects condenser from lint, grease and dust.

