

# **Q-Model Series 800 Ice Cube Machine**



*Q-Model Series 800  
Ice Machine on S-570 Bin*

- *Up to 810\* lbs. (368 kgs.) daily ice production*
- *Stackable, double daily ice production, 1,620\* lbs. (736 kgs.)*  
\*Production rating outside the scope of ARI Standard 820.
- *Only 30" (76.2 cm) wide*
- *Stainless steel exterior with the fit and finish of an appliance*
- *Rugged, corrosion-free base*
- *Patented cleaning and sanitizing technology*
- *New batch water system delivers better ice cube formation*
- *R-404A CFC-free refrigerant*
- *Warranty*
  - *5-year parts and 5-year labor coverage on ice machine evaporator*
  - *5-year parts and 3-year labor coverage on ice machine compressor*
  - *3 year parts-and-labor coverage on all other ice machine, dispenser, and storage bin components*



**ISO 9001  
Quality  
System  
Certified**

**THE RIGHT CLIMATE FOR LEADERSHIP**

**Manitowoc®**


ICE CUBE MACHINES • ICE STORAGE BINS

# Manitowoc Q-Model 800 Series

A seamless blend of thoughtful design, new technology and rugged construction.

Model	Cube size	Ice production 24 hours		Power	
		lbs.	kgs.	kWh/100 lbs.	
QR-0800A	regular	600	272	7.4 1 <sup>ph</sup>	7.4 3 <sup>ph</sup>
QR-0801W	regular	680	309	5.7 1 <sup>ph</sup>	5.7 3 <sup>ph</sup>
QD-0802A	dice	640	291	6.9 1 <sup>ph</sup>	6.9 3 <sup>ph</sup>
QD-0803W	dice	730	331	5.3 1 <sup>ph</sup>	5.3 3 <sup>ph</sup>
QY-0804A	half-dice	640	291	6.9 1 <sup>ph</sup>	6.9 3 <sup>ph</sup>
QY-0805W	half-dice	730	331	5.3 1 <sup>ph</sup>	5.3 3 <sup>ph</sup>
<b>REMOTE AIR-COOLED WITH JC-0895A CONDENSER</b>					
QR-0890N	regular	620	282	7.2 1 <sup>ph</sup>	7.2 3 <sup>ph</sup>
QD-0892N	dice	665	302	6.7 1 <sup>ph</sup>	6.7 3 <sup>ph</sup>
QY-0894N	half-dice	665	302	6.7 1 <sup>ph</sup>	6.7 3 <sup>ph</sup>
Water usage/100 lbs./45.4 kgs. of Ice					
Potable Water: 21.6 gallons, 81.75 liters • Water-cooled Condenser: 195 gallons, 738 liters					

Order ice storage bin separately. "A" or "W" following model number indicates "Air" or "Water" condensing unit. Ice storage bin and JC-0895A remote condenser must be ordered separately. Consult remote condenser specification sheet for details. To order 3 phase add "3" suffix to model # (QR-0800A3).

 Certified in Accordance with ARI Automatic Commercial Ice-Cube Machines (Batch-Type) Certification Program, which is based on ARI Standard 810

## Ice Machine Electric

208-230/60/1 standard. (208-230/60/3 also available. For 230/50/1 see 50 cycle literature.)

**Min. circuit ampacity:** Air-cooled — 12.1 1<sup>ph</sup> 8.9 3<sup>ph</sup>,  
Water-cooled — 11.4 1<sup>ph</sup> 8.2 3<sup>ph</sup>, Remote — 11.9 1<sup>ph</sup> 8.9 3<sup>ph</sup>

**Max. fuse size:** Air-cooled, Water-cooled,  
Remote — 20 amps 1<sup>ph</sup> 15 amps 3<sup>ph</sup>

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

## Specifications

**BTU Per Hour:**  
12,400 (average) 19,500 (peak)

**Compressor:**  
Nominal rating: 1-1/2 HP

**Cupra-Nickel Condenser:**  
(Water-cooled models)  
Adds protection from  
corrosive water elements.

**Operating Limits:**

- Ambient Temperature Range:  
Air and water:  
35°-110°F (1.7°-43.3°C)  
Remote: -20°-120°F (-29°-49°C)

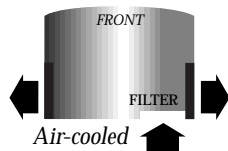
- Water Temperature Range:  
33°-90°F (0.6°-32.2°C)

- 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)



## Air Flow Top View



## AuCS® Accessory



## 3 Cube Sizes Available



24-HOUR PRODUCTION †										lbs./kgs.			
AIR-COOLED UNIT			WATER-COOLED UNIT				REMOTE AIR-COOLED UNIT						
air temp	water temp		air temp	water temp		air temp	water temp						
°F	50°	70°	90°	°F	50°	70°	90°	°F	50°	70°	90°		
°C	10°	21°	32°	°C	10°	21°	32°	°C	10°	21°	32°		
70°	800	740	700	70°	810	750	670	-20° to 70°	750	685	630		
21°	363	336	318	21°	368	341	304	-29° to 21°	341	311	286		
80°	770	710	670	80°	800	740	660	90°	730	665	610		
27°	350	322	304	27°	363	336	300	32°	331	302	277		
90°	700	640	600	90°	790	730	650	100°	685	620	565		
32°	318	291	272	32°	359	331	295	38°	311	281	257		

†Production for Dice and Half Dice cubes. Regular cube is 7% less than chart and kWh/100 lbs. increases 7%.

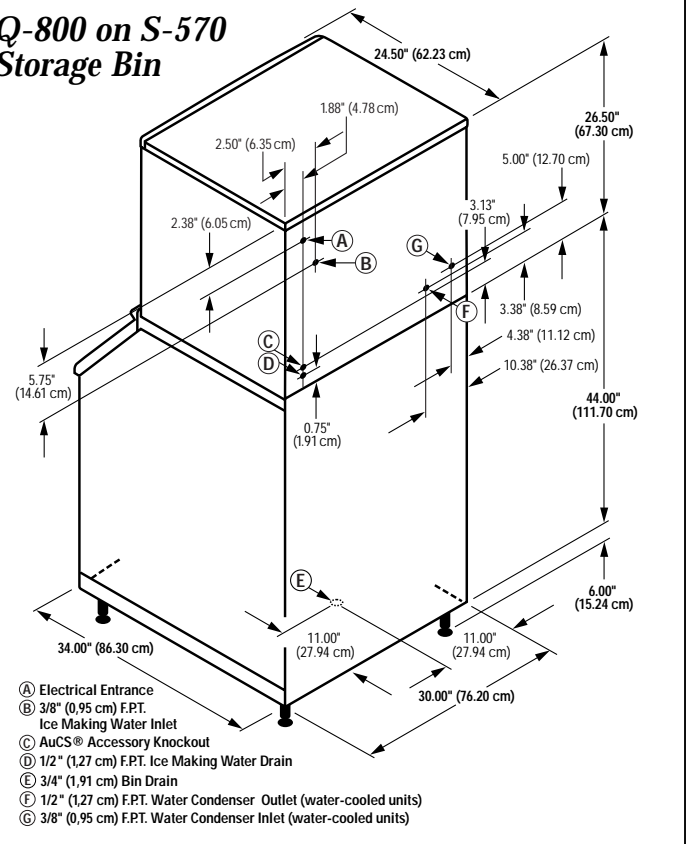
## Space-Saving Designs



	Q-800 S-570	Q-800 S-970*
Height	76.50"	76.50"
	194.30 cm	194.30 cm
Width	30.00"	48.00"
	76.20 cm	121.92 cm
Depth	34.00"	34.00"
	86.30 cm	86.30 cm
Bin Storage	430 lbs.	710 lbs.
	195 kgs.	322.2 kgs.

Height includes adjustable bin legs 6.00" to 7.00" (15.24 to 17.78 cm) set at 6.00" (15.24 cm). For comparison purposes multiply ARI capacity by 1.3 (30%) to arrive at approximate "Application Rating Capacity."  
\*K-00140 bin adapter required.

## Q-800 on S-570 Storage Bin



**Installation Note** - Minimum Installation Clearance: Top/Sides are 8" (20.32 cm), Back is 5" (12.7 cm).

**THE RIGHT CLIMATE FOR LEADERSHIP**  
Consult your local Manitowoc Representative:

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