

QM-30 • QM-45 Ice Cube Machines



QM-Series Model 30



QM-Series Model 45

- Up to 65 lbs. (30 kgs.) daily ice production with a storage capacity of 30 lbs. (14 kgs.)
- Only 19.69" (50 cm) wide, 22.34" (56.75 cm) deep, and 36" (91.44 cm) high on 6" (15.24 cm) legs
- Compact size. Ideal for any small-volume ice need
- Attractive stainless steel cabinet – euro-design
- Easy access door, slides up & out of the way
- Patented cleaning and sanitizing technology
- Easy access air filter
- Up to 95 lbs. (43 kgs.) daily ice production with a storage capacity of 30 lbs. (14 kgs.)
- **CEE Tier 1 energy and water efficiency rating**
- Only 19.69" (50 cm) wide, 22.34" (56.75 cm) deep, and 36" (91.44 cm) high on 6" (15.24 cm) legs
- Front air intake and exhaust
- CFC-FREE R-134A refrigerant
- Manitowoc proven vertical evaporator
- Computerized control
- 3-year parts-and-labor warranty

CEE  Energy Efficiency Ratings
Specified on Back



ISO 9001:2000
Quality System Certified

America's #1 Selling Ice Machine

Ice Cube & Flake Machines • Ice Storage Bins • Ice Dispensers

Manitowoc

Manitowoc QM-Series Models 30 & 45

Model	Ice Shape	Ice production 24 hours		Power kWh/100 lbs. @90°/70°	CEE* Rating
		lbs.	kgs.		
QM-30A	dice	65	22	20.4	
QM-45A	dice	90	30	14.9	Tier 1
Water usage/100 lbs./45.4 kgs. of ice					
Potable Water: 38.4 gallons, 146 liters					

*A" following model number indicates "Air" cooled condensing unit.

***Consortium for Energy Efficiency (CEE)** is a North American nonprofit organization that promotes energy-efficient products, technologies and services; also the principal entity for the development of ice maker efficiency standards.



Certified in Accordance with ARI Ice Storage Bins Certification Program, which is based on ARI Standard 820

Ice Machine Electric

115/60/1. (230/50/1 also available.) 115/60/1 ice machines are factory pre-wired with a 6' (180 cm) power cord and NEMA 5-15P-plug configuration.

Total Amps: QM-30: 5.3 amps.

QM-45: 5.2 amps.

Maximum fuse size: 15 amps

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

Specifications

BTU Per Hour:

QM-30: 1,600 (average) 2,350 (peak)

QM-45: 1,750 (average) 2,600 (peak)

Compressor:

Nominal rating: 1/4 HP

Operating Limits:

Ambient Temperature Range:

QM-30: 50° to 113°F (10° to 45°C)

QM-45: 40° to 110°F (1.6° to 43°C)

Water Temperature Range:

QM-30: 50° to 86°F (10° to 40°C)

QM-45: 33° to 90°F (0.6° to 32°C)

Water Pressure Ice Maker Water In:

QM-30: Min. 34 psi (240 kPa)

Max. 90 psi (620 kPa)

QM-45: Min. 20 psi (138 kPa)

Max. 80 psi (551 kPa)

Legs:

Adjustable from 6.00"-7.25"

(15.24-17.78 cm).

Ice Storage:

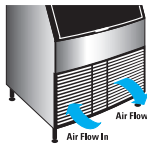
One piece bin liner (seamless)

"rotocast" polyethylene.

Insulation:

Insulation foamed-in-place with CFC-FREE foam.

Air Flow Front View



Air in left, air out right, no side vents.

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.

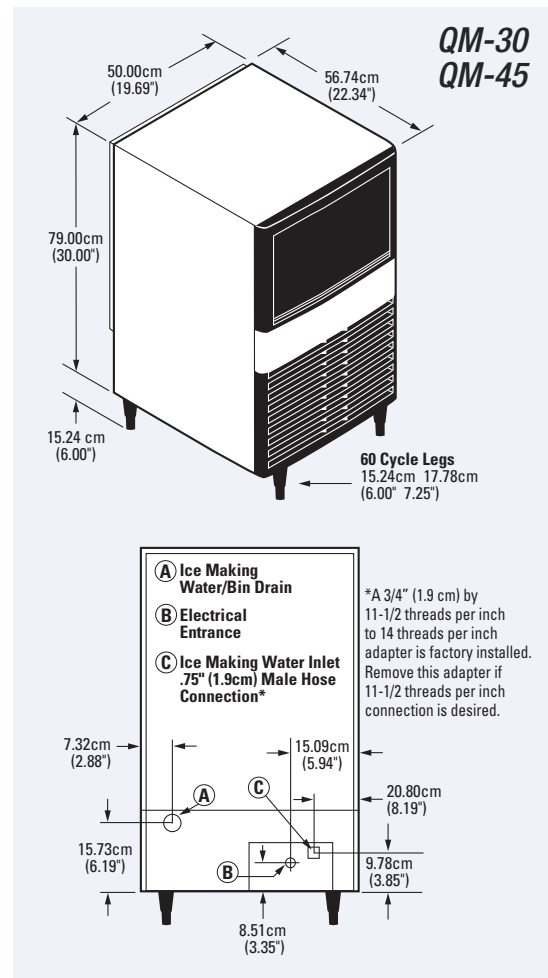
Cube Size



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



24-HOUR PRODUCTION†				lbs. kgs.
AIR-COOLED UNIT				
	air temp	water temp		
	°F	50°	70°	90°
	°C	10°	21°	32°
QM-30	70°	65	60	
	21°	30	28	
	80°	60	56	50
	27°	28	25	23
	90°	55	52	47
	32°	25	24	21
QM-45	70°	95	80	70
	21°	43	36	32
	80°	90	75	65
	27°	41	34	30
	90°	80	65	55
	32°	36	30	25



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

©2009 Manitowoc 2009 Continuing product improvement may necessitate change of specifications without notice.

4357



Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber
www.fsc.org Cert no. SW-COC-001886
© 1996 Forest Stewardship Council



We are committed to protecting the environment and its resources. For up-to-date product data always view an electronic version on our web site.



MANITOWOC ICE
2110 South 26th Street, P.O. Box 1720
Manitowoc, WI 54221-1720, USA
Ph: 920-682-0161 • Fax: 920-683-7589
Visit us online at www.manitowocice.com

