

Marine Model Ice Cube Machine

Model

- | | | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| ☐ ID-0606WM | ☐ ID-0906WM | ☐ ID-1403WM | ☐ ID-1803WM | ☐ SD-3303W3M |
| ☐ IY-0606WM | ☐ IY-0906WM | ☐ IY-1405WM | ☐ IY-1805WM | ☐ SY-3305W3M |



Series 906 Ice Machine
MB-3044 Bin



Stainless Steel Bulkhead

- Stainless Steel
 - Top Cover
 - Cabinet Panels
 - Bulkhead
 - Frame
 - Brackets
 - Fasteners

Marine Ice Machine Features

Five ice machine units available with Special Marine Specifications. Choose Series 606, 906, 1400, 1800 or 3300 water-cooled models. Ice production from 650 to 3380 (295 to 1533 kg) pounds per day.

- Water-proof control box housing.
- Compressor ground wire.
- Rugged, corrosion-free base.
- Patented cleaning and sanitizing technology.
- R-404A CFC-free refrigerant.
- Cupra-nickel condenser adds protection from corrosive water elements.

Warranty

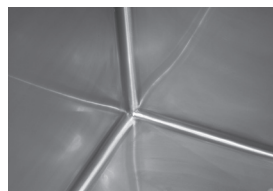
- 5-year parts-and-labor on evaporator.
- 5-year parts and 3-year labor on compressor.
- 3-year parts-and-labor on all other components.



Ice scoop and chain



Bin leg



Bin cove corners

Marine Bins		
Model	Dimension W x D x H	Storage Capacity
MB-3044	30" x 34" x 44" 76.2 cm x 86.3 cm x 111.8 cm	397 lbs. 180 kg
MB-4844	48" x 34" x 44" 121.9 cm x 86.3 cm x 111.8 cm	672 lbs. 305 kg

Bin dimensions above do not include the bin leg.
Add 4" (10.16cm) to 6" (30.48cm) to the bin height

Marine Ice Bin Features

- Outer cabinet – 18 ga 304 stainless.
- Inner cabinet – 18 ga 304 stainless.
- Radius (cove) corners in liner.
- Stainless steel flanged 6" (15.2 cm) legs.
- Stainless steel ice scoop on stainless cable.

Warranty

- 1-year material and workmanship.

Ice Shape



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

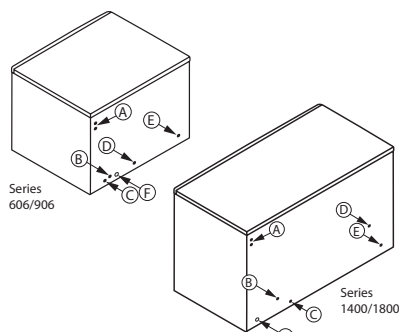


Dice
7/8" x 7/8" x 7/8"
(2.22 x 2.22 x 2.22 cm)



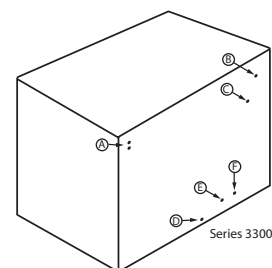


Marine Model Ice Cube Machine



- (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. Ice Making Water Drain
- (D) 1/2" (1,27 cm) F.P.T. Water Condenser Outlet
- (E) 3/8" (0,95 cm) F.P.T. Water Condenser Inlet
- (F) 1/2" (1,27 cm) Auxiliary Base Drain Socket

Installation Note: Minimum 2-3/4" clearance at back.



- (A) Electrical Entrance (2) Options
- (B) Condenser Water Inlet 1.00" (2.54 cm) F.P.T. (water-cooled units)
- (C) Water Condenser Outlet 1.00" (2.54 cm) F.P.T.
- (D) Base Drain 1.00" (2.54 cm) F.P.T.
- (E) Ice Making Water Drain 1.00" (2.54 cm) F.P.T.
- (F) Ice Making Water Inlet 1/2" (1,27 cm) F.P.T.

Installation Note: Recommended installation clearance—Top/sides 8" (20.3 cm), back 24" (61 cm), although 24" (61 cm) is recommended on all sides. Bin drain—located in exact center of bin.

Series 606 to 1800 Operating Limits:

- Ambient Temperature Range: 35° to 110°F (1.67° to 43.3°C)
- Water Temperature Range: Potable Water: 35° to 90°F (1.67° to 32.3°C)
- Water Pressure Ice Maker Water In: Min. 20 psi (137.9 kPa), Max. 80 psi (551.1 kPa)
- Condenser Inlet Water In: Min. 20 psi (137.9 kPa), Max. 150 psi (1,034.2 kPa)

Series 3300 Operating Limits

- Ambient Temperature Range: 35° to 110°F (1.67° to 43.3°C)
- Water Temperature Range: Potable Water: 35° to 110°F (1.67° to 43.3°C) Condenser: 35° to 90°F (1.67° 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: Min. 20 psi (137.9 kPa), Max. 250 psi (1,034.2 kPa)

If water system is over 250 PSIG order the high pressure valve option.

Series 606	
Model	Cube Size
ID-0606WM	dice
IY-0606WM	half-dice
21.50" H x 30.00" W x 24.50" D	
54.6 cm x 76.2 cm x 62.2 cm	

Order ice storage bin separately.

Note: Placing i-606 ice machine on non-Manitowoc bin or "F" model Manitowoc bin, requires installation of ice deflector K-00347.

Series 906	
Model	Cube Size
ID-0906WM	dice
IY-0906WM	half-dice
26.50" H x 30.00" W x 24.50" D	
67.3 cm x 76.2 cm x 62.2 cm	

Order ice storage bin separately. To order 3 phase add "3" suffix to model # (ID-0906WM3).

Note: Placing i-906 ice machine on non-Manitowoc bin or "F" model Manitowoc bin, requires installation of ice deflector K-00347.

Series 1400	
Model	Cube Size
ID-1403WM	dice
IY-1405WM	half-dice
26.50" H x 48.00" W x 24.50" D	
67.3 cm x 121.9 cm x 62.2 cm	

Order ice storage bin separately. To order 3 phase add "3" suffix to model # (SR-1403WM3).

Note: Placing i-1400 ice machine on non-Manitowoc bin or "F" model Manitowoc bin, requires installation of ice deflector K-00349.

Series 1800	
Model	Cube Size
ID-1803WM	dice
IY-1805WM	half-dice
29.50" H x 48.00" W x 24.50" D	
74.9 cm x 121.9 cm x 62.2 cm	

Order ice storage bin separately. To order 3 phase add "3" suffix to model # (ID-1803WM3).

Note: Placing i-1800 ice machine on non-Manitowoc bin or "F" model Manitowoc bin, requires installation of ice deflector K-00349.

Series 3300	
Model	Cube Size
SD-3303W3M	dice
SY-3305W3M	half-dice
36.00" H x 48.00" W x 31.00" D	
91.4 cm x 121.9 cm x 78.7 cm	

Order ice storage bin separately.

Note: Placing S-3300 ice machine on non-Manitowoc bin or "F" model Manitowoc bin, requires installation of ice deflector K-00391.

Electric: 208-230/60/1 standard.

Min. circuit ampacity: 9.7

Max. fuse size: 15 amps

BTU Per Hour:

9,000 (average) 13,900 (peak)

Electric: 208-230/60/1 standard.

(208-230/60/3 also available.)

Min. circuit ampacity: Max. fuse size:

11.2 - 1ph, 8.7 - 3ph 20 amps - 1ph
15 amps - 3ph

BTU Per Hour: 13,000 (average) 16,000 (peak)

Electric: 208-230/60/1 standard.

(208-230/60/3 and 460/60/3 also available.)

Min. circuit ampacity: Max. fuse size:

16.9 - 1ph, 11.8 - 3ph 30 amps - 1ph
20 amps - 3ph

BTU Per Hour:

23,500 (average) 27,000 (peak)

Electric: 208-230/60/1 standard.

(208-230/60/3 and 460/60/3 also available.)

Min. circuit ampacity: Max. fuse size:

22.4 - 1ph, 14.0 - 3ph 40 amps - 1ph
25 amps - 3ph

BTU Per Hour:

30,000 (average) 35,000 (peak)

Electric: 460/60/3 standard.

Min. circuit ampacity: Max. fuse size:

30 amps 30 amps

BTU Per Hour:

45,000 (average) 51,000 (peak)