INDIGO® NXT

iT1900

Manitowoc Marine Ice Cube Machines

IDT1900WM | IYT1900WM | IRT1900WM



iT1900WM

ICE SHAPES



- **Half-Dice:** 3/8" x 1 1/8" x 7/8" (0.95 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)

SIZE

- Up to 1,900 lbs (862 kgs) of daily ice production
- iT1900
  29.5" H x 48" W x 24" D
  (74.9 x 121.9 x 60.96 cm)
  The cut off switch on the front adds 1.5" (3.81 cm) to the depth.

SPECIFICATIONS

Refrigerant

- R410A CFS-free

BTU Per Hour

- 26,100 (average)
- 30,500 (peak)

Operating Limits

- Ambient temperature range: 35˚ to 110˚F (1.7˚ to 43.3˚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)
- Water pressure Condenser (water in)
  - Min. 20 psi (137.9 kPA)
  - Max. 276 psi (1902.95 kPA)

Power: 208-230/60/1 standard, 208-230/60/3 (half-dice only) available

- Min. circuit ampacity:
  - 15, 1 ph
  - 12.8, 3 ph
- Max Fuse Size
  - 25 amps, 1 ph
  - 20 amps, 3 ph

FEATURES

- Isolation switch immediately cuts power to the entire unit.
- Indigo NXT feature set including automatic cleaning that returns to the ice making process without manual intervention.
- Cupra-nickel condenser adds protection from salt water.
- Completely sealed unit: front, back, top and sides.
- Meets USPHS specifications.
- All exterior panels, bulkhead brackets and fasteners are made from high-grade stainless steel.

ACCESSORIES

- LuminIce® II Virus and Bacteria Inhibitor Controls viruses and bacteria in the ice machine.
- Dispenser Bin Thermostat Kit
  Reduces condensation when used with dispensers.
- Arctic Pure water filters
  Reduce sediments and chlorine contaminants down to 0.5 microns. Use with a prefilter is recommended.
- K-00349 ice deflector kit (required for installation on Manitowoc F-Style, or non-Manitowoc ice bins



Luminice II



External Scoop Holder



iAuCS



Arctic Pure Water Filters

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INSTALLATION

Ice machine must be installed indoors.

Required clearance for
- Back: 5" (13 cm)
- Top/sides: 8" (20 cm)

A Electrical Entrance (2) Options

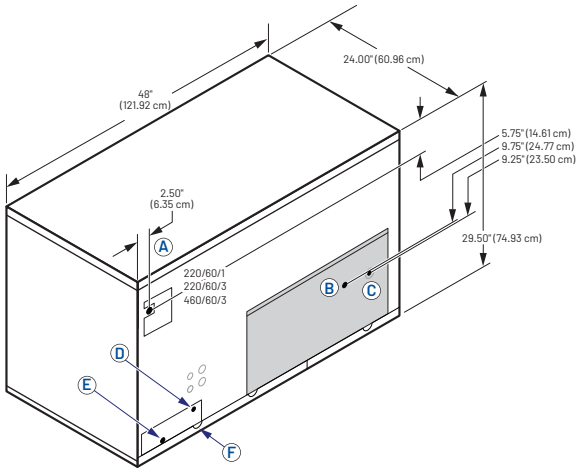
B 1/2" (1.27 cm) F.P.T.
Water Condenser Outlet

C 3/8" (0.95 cm) F.P.T.
Water Condenser Inlet
(water-cooled units)

D 3/8" (0.95 cm) F.P.T.
Ice Making Water Inlet

E 1/2" (1.27 cm) F.P.T.
Ice Making Water Drain

F 1/2" (1.27 cm)
Axillary Base Drain Socket



The cut off switch on the front adds 1.5" (3.81 cm) to the depth.
K00349 ice deflector is required when installing on a Manitowoc F-style or non-Manitowoc ice bin.

SPACE-SAVING DESIGN



	IT1900WM
Height	29.5" 74.9 cm
Width	48" 121.9 cm
Depth	24" 60.96 cm

Ice machine and bin sold separately.

Placing iT1900W ice machine on non-Manitowoc Ice bin or "F" model Manitowoc Ice bin, requires installation of ice deflector K00349.

SPECIFICATIONS

				Ice Production 24 Hours		@ 90° Air/70°F Water (32° Air/21°C Water)		
	Model	Ice Shape	Shipping Weight	70°Air/50°F Water 21°Air/10°C Water	90°Air/70°F Water 32°Air/21°C Water	Power Usage kWh per 100 lbs (45.4 kgs) Ice	Ice Machine Potable water usage per 100 lbs (45.4 kgs) Ice	Condenser Water Usage per 100 lbs (45.4 kgs) Ice
Water Cooled	IDT1900WM	Dice	334 lbs (151 kgs)	1,900 lbs (862 kgs)	1,666 kgs (756 kgs)	3.51	20 gal (75.7 L)	140 gal (530 L)
	IYT1900WM	Half-Dice	337 lbs (153 kgs)	1,960 lbs (889 kgs)	1,759 lbs (797 kgs)	3.44	20 gal (75.7 L)	140 gal (530 L)
	IRT1900WM	Regular	340 lbs (154 kgs)	1,875 lbs (850 kgs)	1,701 lbs (772 kgs)	2.83	13.1 gal (50 L)	126 gal (477 L)

Limited Commercial Warranty

Ice Maker Three (3) years parts and labor
Evaporator Five (5) years parts and labor
Compressor Five (5) years parts, three (3) years labor

For complete warranty terms, visit manitowocice.com/service/warranty. A free copy of the written warranty is available by contacting Pentair at 920-682-0161

Manitowoc
FROM PENTAIR WATER SOLUTIONS

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