Ice-O-Matic

PROJECT: _____

ITEM # _____ QTY: _____

MODEL # _____

AIA # _____ SIS # _____

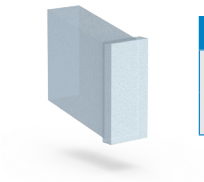
CUBE ICE MAKER

CUBE ICE MAKER

CIM2046HW49

Features and Benefits

- Uses R449A for a more environmentally friendly and efficient refrigerant.
- Water condensed unit.
- Easy to clean with front facing evaporator and dishwasher safe (up to 180°F) components.
- Easy and quick cleaning reduces operating costs.
- Simple service with many common parts across all CIM machines.
- Harvest Assist provides consistent ice production for the life of the ice maker while reducing energy consumption and increasing capacity.
- Durable, electroless nickel plating on all evaporator plates ensures reliability.
- Constructed from corrosion-resistant and fingerprint-proof aluminum.



ICE FORMS	
HALF CUBE	3/8 x 7/8 x 7/8 in.
	10 x 22 x 22 mm

c UL us

BIN CHART									
Model #	B40	B42	B55	B110	B700-30	B1000-48	B1300-48	B1325-60	B1660-60
capacity width	344 lbs (156 kg) 30 in (762 mm)	351 lbs (160 kg) 22 in (559 mm)	510 lbs (232 kg) 30 in (762 mm)	854 lbs (388 kg) 48 in (1,219 mm)	680 lbs (308 kg) 30 in (762 mm)	1,000 lbs (454 kg) 48 in (1,219 mm)	1,320 lbs (599 kg) 48 in (1,219 mm)	1,325 lbs (601 kg) 60 in (1,524 mm)	1,660 lbs (753 kg) 60 in (1524 mm)
Kit for combining wider bins with smaller models	Not Compatible	Not Compatible	Not Compatible	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required	Kit Not Required

See Ice-O-Matic Price List for Adapter Kits to combine ice makers with most available ice/beverage dispensers.

Warranty

- Ice Maker: **3 years parts and labor**
- Evaporator and Compressor: **5 years parts**
- Evaporator:**7 years parts and labor**
  (if enrolled in the filter program for US & Canada)

Options & Accessories

- KSI-1 - Safe Ice Module
- B110

Water Filter

- Manifold System IFQ1-L gets replacement filter IOMQ-L

CIM2046HW49 shown atop of bin B110 (sold separately)

11100 E. 45th Avenue • Denver, CO 80239
Phone: 1.866.PURE.ICE
www.iceomatic.com

Specifications are subject to change without prior notice.

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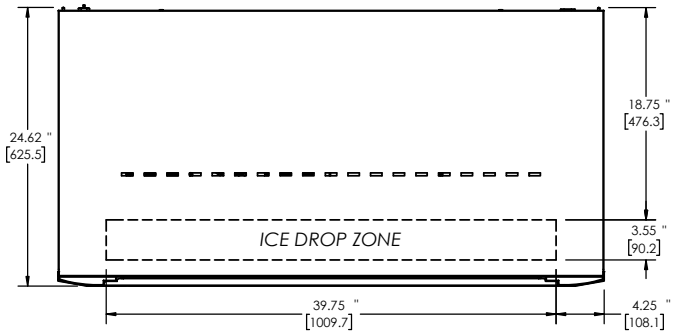
APPROVAL: _____ DATE: _____

Ice-O-Matic CUBE ICE MAKER

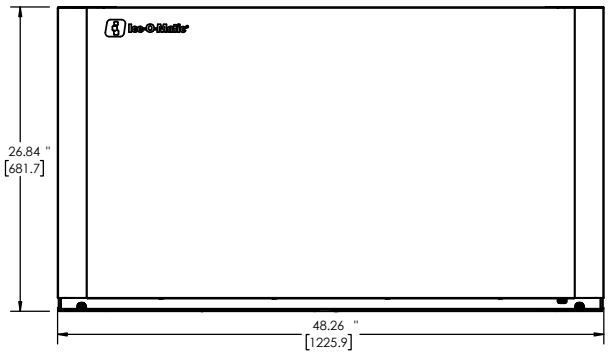
CIM2046HW49

Line drawing note: Numbers with quote symbol " are in inches. Numbers enclosed in [brackets] are in millimeters.

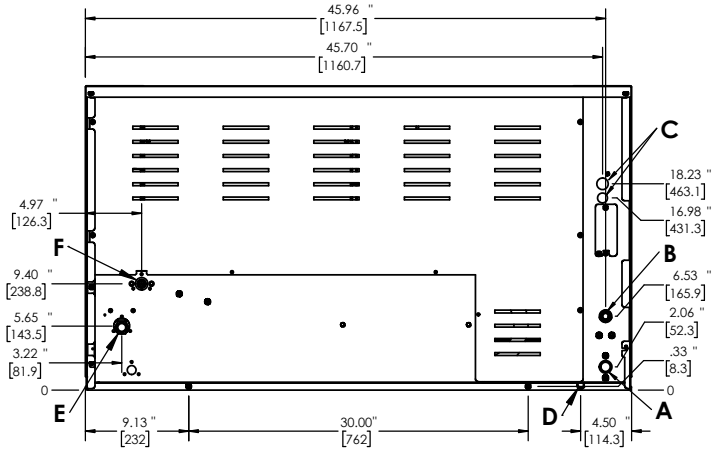
PLAN / TOP VIEW



ELEVATION / FRONT VIEW



UTILITIES / BACK VIEW



Water Cooled

A. Ice Maker Drain, 3/4" FPT
B. Ice Maker Potable Water Inlet, 3/8" FPT
C. Electrical Connection, ∅.875" [22.2] (2)
D. Condensate Base Drain, ∅.50" [12.7]
E. Water Condenser Inlet, 3/8" FPT
F. Water Condenser Outlet, 1/2" FPT

SPECIFICATIONS

Model	CIM2046HW49
Condensing Type	Water
Voltage/Hertz/Phase	208-230/60/1
Min. Circuit Amp	24.1
Max Breaker Size	40 A
kWH per 100 lbs of ice at 70ºF air / 50ºF water	3.05
kWH per 100 lbs of ice at 90ºF air / 70ºF water	3.38
BTU (approx per hour)	29600
Number of Wires	3 (including ground)
Refrigerant	R449A
Refrigeration Charge	42 oz

Ice Production per 24 hrs	
70º air / 50º water lbs (kg)	90º air / 70º water lbs (kg)
1900 (862)	1715 (778)

Water Usage gallons per 100 lbs of ice 90ºF air / 70ºF water	
Potable	Condenser
18	125

OPERATING REQUIREMENTS

	MINIMUM	MAXIMUM
Ambient Temp. Range Air	50°F (10°C)	100°F (38°C)
Water Temp	40°F (4°C)	100°F (38°C)
Water Pressure	20 PSIG (1.4 BAR)	80 PSIG (5.5 BAR)

DIMENSIONS

Unit Width	48.25	1226
Unit Depth	24.25	616
Unit Height	26.84	682

Shipping Weight	329 lbs / 149 kg
Shipping Dimensions (in.)	51 (W) x 27 (D) x 33 (H)
Shipping Dimensions (mm)	1295 (W) x 686 (D) x 838 (H)

We reserve the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

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