



# ELEVATION SERIES CUBE ICE MAKER

## CIM1446/1447



### Model:

- CIM1446
- CIM1447



CIM1446  
ON B110

## Features

- Space-saving 26.8" (681 mm) tall design.
- Produces up to 1,560 lbs (771 kg) of ice per day.
- *Harvest Assist* provides consistent ice production for the life of the ice maker while reducing energy consumption and increasing capacity.
- *Pure Ice*® exclusively by Ice-O-Matic. Built-in antimicrobial protection for the life of the ice maker inhibits bacteria growth on ice maker surfaces. Ice-O-Matic's optional water filtration system provides protection against unpleasant tastes, odors and scale formation.
- Durable, electroless nickel plating on all evaporator plates ensures reliability.
- *Longest warranty in the industry.* Purchase an Ice-O-Matic water filter with your cube ice maker, replace the filter every six months, and the evaporator warranty is extended to 7 years parts and labor (available in the U.S. and Canada only).
- Constructed from corrosion-resistant stainless steel and fingerprint-proof plastic.



Safelce

\*Available for factory or field install

Safelce Purification System is an add-on option for CIM machines that destroys Coronavirus, Flu, Odors, Mold and other biological contaminants, increasing the life of the machine by up to 30%.



<https://www.youtube.com/watch?v=toReJT8QG6A&t=7s>

CIM1446/1447 CUBE ICE MAKER

## Ice Form

FULL CUBE DIMENSIONS	
W x D x H (in.)	7 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub>
W x D x H (mm)	22 x 22 x 22
HALF CUBE DIMENSIONS	
W x D x H (in.)	3 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub> x 7 <sup>5</sup> / <sub>8</sub>
W x D x H (mm)	10 x 22 x 22



CUBE

## Bin Chart

Kits for Combining Wider Bins with Smaller Models

		ICE STORAGE BINS											
		Model No.	B25	B40	B42	B55	B700	B1000	B110	B1300	B1325	B1600	
		Capacity	242 lbs (110 kg)	344 lbs (156 kg)	351 lbs (160 kg)	510 lbs (232 kg)	680 lbs (308 kg)	1000 lbs (454 kg)	854 lbs (388 kg)	1320 lbs (599 kg)	1325 lbs (601 kg)	1660 lbs (753 kg)	
		Width	30 in (762 mm)	30 in (762 mm)	22in (559 mm)	30 in (762 mm)	30 in (762 mm)	48 in (1,219 mm)	48 in (1,219 mm)	48 in (1,219 mm)	60 in (1,524 mm)	60 in (1,524 mm)	
Kits	CIM1446	N/A						Kit Not Required					
	CIM1447	N/A						Kit Not Required					

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

## Options & Accessories

WATER FILTERS		
Ice Machine Model	Manifold	
	System	Replacement
CIM1446	IFQ2-XL	IOMQXL (2)
CIM1447		

Note: All modular cube CIM units can be installed with manufacturer approved ozone delivery systems.

## Ice Maker Warranty

COMMERCIAL WARRANTY	
Ice Maker	3 YEARS parts and labor
Evaporator and Compressor	5 YEARS parts
Evaporator (when enrolled in our filter program)	7 YEARS parts and labor





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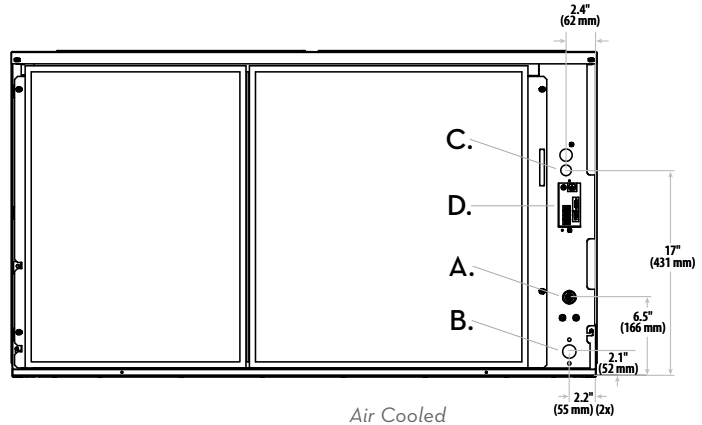
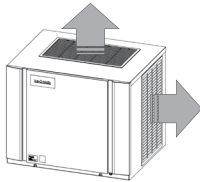
CIM1446/1447 CUBE ICE MAKER

## Air Cooled

Please note: air-cooled units require 6" (152 mm) clearance for air intake and exhaust.

- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Electrical junction box.

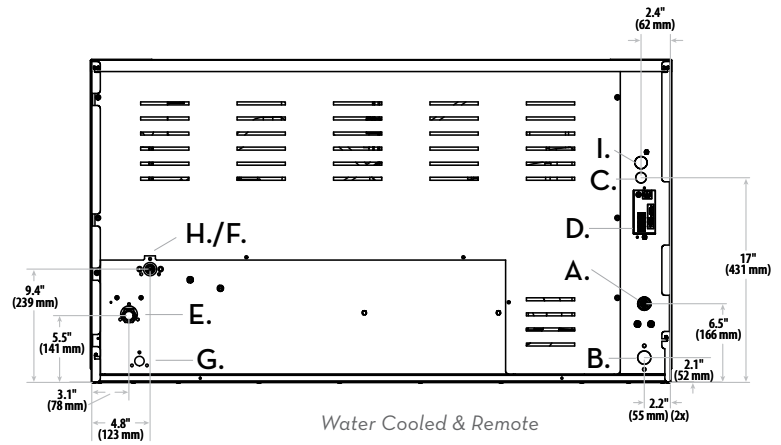
Dual Exhaust for Installation Flexibility



Air Cooled

## Water Cooled/Remote

- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Hole for electrical connections, 7/8".
- D. Electrical junction box.
- E. Condenser water in, 3/8" FPT (water only).
- F. Condenser water out, 1/2" FPT (water only).
- G. Liquid line, 3/8" male quick connect coupling for precharged line set (remote only).
- H. Discharge line, 1/2" male quick connect coupling for precharged line set (remote only).
- I. Hole for remote electrical connections, 7/8" (remote only).



Water Cooled & Remote

## Operating Requirements

	MINIMUM	MAXIMUM	
		60 Hz	50Hz
Ambient Temp. Range Air	50°F (10°C)	100°F (38°C)	110°F (43°C)
Water Temp.	40°F (4.4°C)		
Water Pressure	20 PSIG (1.4 BAR)	80 PSIG (5.5 BAR)	
Remote Condenser Temp.	-20°F (-29°C)	120°F (50°C)	

## Dimensions

ALL MODELS	
W x D x H (in.)	48.25 x 24.25 x 26.8
W x D x H (mm)	1,226 x 616 x 660

## Specifications

Model Number	Cond. Unit	Ice Production* per 24hrs		Water Usage gallons per 100 lbs of Ice 90°F air/70°F water		kWH Used per 100 lbs of ice @ 90°F air/ 70°F water	Voltage Characteristics	Min. Circuit Ampacity	Max Breaker Size	Approx. BTUs per hour
		70°F air/ 50°F water lbs (kg)	90°F air/ 70°F water lbs (kg)	Potable	Condenser					
CIM1446A	Air	1,600 (725)	1,174 (532)	14.4	N/A	4.6	208-230/60/1	19.2	30	22,000
CIM1446R**	Remote	1,650 (748)	1,300 (589)	15.0	N/A	4.4		19.9	30	
CIM1446W	Water	1,560 (708)	1,397 (633)	14.7	104	3.9		18.9	30	
CIM1447A	Air	1,550 (703)	1,174 (532)	14.4	N/A	4.7	208-230/60/3	13.7	20	21,000
CIM1447R**	Remote	1,560 (708)	1,290 (585)	15.0	N/A	4.3		13.6	20	
CIM1447W	Water	1,560 (708)	1,397 (633)	14.7	104	3.9		12.6	20	

\* Daily ice production based on half cube configuration.

\*\* Remote model CIM1446R and CIM1447R require the RC306C40 (replaces RCA3061) remote condenser.

Number of Wires: 3 (including ground)  
Approx. Shipping Weight lbs (kg): CIM1446A 310 (141) • CIM1446R 280 (127) • CIM1446W 300 (136) • CIM1447A 310 (141) • CIM1447R 280 (127) • CIM1447W 300 (136)

REFRIGERANT: R404A