



GEMO450 ON IOD150

## Features

- Space-saving 21" (533 mm) wide design.
- Produces up to 464 lbs (210 kg) of ice per day.
- Pearl Ice® soft, chewable ice crystals.
- Cools beverages faster and longer while maintaining flavors better.
- Decreased water and power usage compared to cube ice makers.
- SystemSafe load monitoring system constantly checks workload on gearbox, shutting down system before a problem develops and preventing costly repairs.
- Water Sensor eliminates low or no water failures and cannot be affected by adverse water conditions.
- Rugged stainless steel evaporator and auger ensures reliability.
- Industrial-grade roller bearings and heavy-duty gearbox provide years of trouble-free service.

## Options & Accessories

WATER FILTERS			
Ice Machine Model	Manifold		Inline
	System	Replacement	System
GEMO450	IFQ1	IOMQ (1)	n/a

## Ice Maker Warranty

Every Ice-O-Matic ice maker is backed by a warranty that provides both parts and labor coverage.

- Three years **Parts** and **Labor** for all Pearl Ice® ice maker parts.
- Five years **Parts** coverage on the compressor.

## Ice Form



### PEARL ICE

#### PEARL ICE DIMENSIONS

H x Dia. (in.)	1/2 x 3/8
H x Dia. (mm)	12.7 x 9.5

## Bin Chart *Kits for Combining Wider Bins with Smaller Models*

ICE STORAGE BINS											
Kits	Model No.	B25	B40	B42	B55	B70	B90	B100	B120	B150	B170
	Capacity Width	242 lbs (110 kg) 30 in (762 mm)	344 lbs (156 kg) 30 in (762 mm)	351 lbs (160 kg) 22 in (559 mm)	510 lbs (232 kg) 30 in (762 mm)	741 lbs (337 kg) 30 in (762 mm)	1023 lbs (465 kg) 30 in (762 mm)	854 lbs (388 kg) 48 in (1219 mm)	1142 lbs (519 kg) 48 in (1219 mm)	1447 lbs (658 kg) 60 in (1524 mm)	1807 lbs (821 kg) 60 in (1524 mm)
GEMO450		KBT19		KBT24	KBT19	Kit Not Required		KBT23		n/a	
GEMO450 (2)		n/a				Kit Not Required		KBT22		n/a	

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

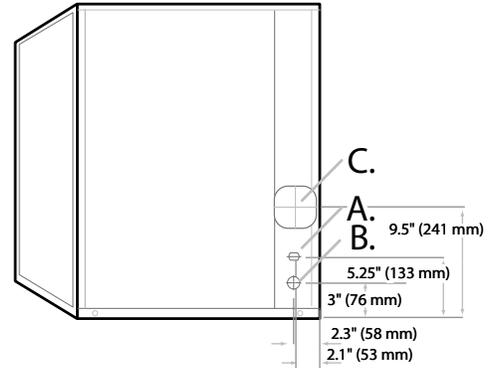
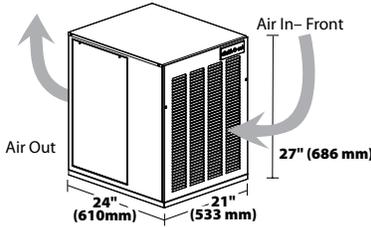


GEMO450 PEARL ICE® MAKER

### Air Cooled

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

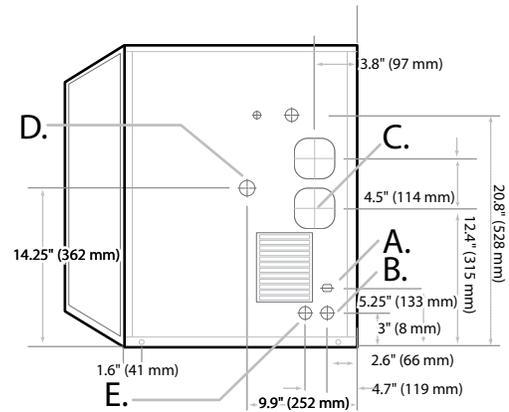
- A. Ice maker potable water in, 3/8" FPT.
- B. Ice maker water out, 3/4" FPT.
- C. Electrical inlet.



Rear View Air Cooled

### Water Cooled

- A. Ice maker water in, 3/8" flare.
- B. Ice maker water out, 3/4" FPT.
- C. Electrical inlet.
- D. Condenser water in, 3/8" (water cooled only).
- E. Condenser water out, 1/2" (water cooled only).



Rear View Water Cooled

## Operating Requirements

	MINIMUM	MAXIMUM
	<b>60 Hz</b>	
Ambient Temp. Range Air	50°F (10°C)	100°F (38°C)
Water Temp.	40°F (4.4°C)	
Water Pressure	20 PSIG (1.4 BAR)	120 PSIG (8.3 BAR)

## Dimensions

ALL MODELS	
W x D x H (in.)	21 x 24 x 27
W x D x H (mm)	533 x 610 x 686

## Specifications

Model Number	Cond. Unit	Ice Production per 24hrs		Water Usage gallons per 100 lbs (45 kg) of Ice 90°F (32°C) air/70°F (21°C) water		kWH Used per 100 lbs (45 kg) of ice @ 90°F (32°C) air/70°F (21°C) water	Voltage Characteristics	Min. Circuit Ampacity	Fuse Size	Approx. BTUs per hour**
		70°F (21°C) air/50°F (10°C) water lbs (kg)	90°F (32°C) air/70°F (21°C) water lbs (kg)	Potable	Condenser					
GEMO450A	Air	464 (210)	354 (161)	12.0	-	5.31	115/60/1	16.0	20	5,600
GEMO450W	Water	508 (230)	429 (195)		68.5	4.11				

\*\*BTUH is calculated 0°F Evaporator, 100°F Condensing, and 33 PSIG.

NOTES:  
 Number of Wires: 3 (including ground)  
 Approx. Shipping Weight lbs (kg): GEMO450A 205 (93) • GEMO450W 220 (110)  
 Refrigerant Type: R404A