



# KT-1700 Ice Kube Machine

KT-1700 ICE KUBE MACHINE

## Models

☐ KDT-1700A ☐ KYT-1700A



Koolaire KT-1700  
Ice Kube Machine on K970 Bin

Koolaire by Manitowoc ice machines are designed, developed and tested by Manitowoc engineers to provide great ice production, energy efficiency and reliable service at an affordable price.

### Performance/Features/Benefits

- Produces up to 1490 lbs (676 kg) of ice per day\*\*
- Performance certified by the Air Conditioning, Heating and Refrigeration Institute (AHRI)
- Energy Efficient models - visit EnergyStar.gov to view all Energy Star qualifying models
- Highly efficient electro-less nickel plated copper evaporators made in Manitowoc WI, USA
- Simple operation - only one control, three positions ON/OFF/CLEAN
- High-Tech exterior with smudge and fingerprint resistant stainless-like finish
- Better for the environment. Uses R410A refrigerant which lowers global warming potential by 48%
- Backed by the industry's best Manitowoc distribution network and service agents

### Built for Easy Sanitation

- Easy access front facing evaporator
- One-touch remedial cleaning; requires minimal interaction; just add chemical and let the machine do the rest. No ice removal from bin needed. (Use Manitowoc De-scaler and Sanitizer only)
- For detail cleaning; all food zone components removable by hand (no tools required). Fast and easy
- All white plastic interior, no exposed tubes or wires, smooth rounded corners for fast easy wipe downs
- The food zone is sealed from above and on the back of the door panel with commercial grade rubber gaskets
- Alpha San anti-microbial agent molded in selected components
- **Available LuminIce II Virus and Bacteria Inhibitor** - Controls viruses, bacteria, mold and yeast within the food zone to keep the machine clean longer

\*\*based on 70F air / 50F water

## Ice Machine Electric

230V / 50Hz / 1Ph

### Max Power Load (W):

2257 (Peak W) and 2037 (Average W)

### Minimum circuit ampacity:

Air-cooled: 15

### Maximum fuse size:

Air-cooled: 25

## Specifications

### BTU Per Hour:

23,400 (average)  
and 25,200 (peak)

### Refrigerant:

R410A CFC - Free  
Lowers global warming  
by 48%

### Operating Limits:

- Ambient Temperature Range:  
40° to 110° F (4.4° 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)

## Ice Shape



### HALF KUBE

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

❄ = 100%



### KUBE

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

❄ = 100%



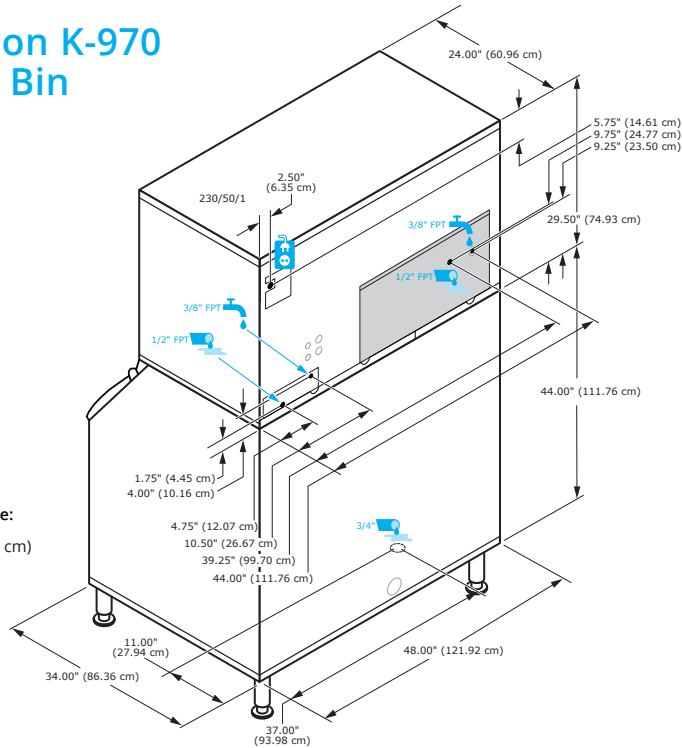
AutoQuotes



## KT1700 on K-970 Storage Bin

### Required Clearance:

Top/Sides: 8" (20.3 cm)  
Back: 5" (12.7 cm)



Water cooled condenser water usage/100 lbs. or 45.5 Kg. of ice: 145 gals. / 549L.

## Space-Saving Design



**KT1700  
K-970**

Height	79.5"
	202.93 cm
Width	48.00"
	121.92 cm
Depth	34.00"
	86.30 cm
Bin	882 lbs.
Storage	400 kgs.

Measurements with bin legs at 6.00" (15.24cm).  
Adjustable bin legs 6.00" to 8.00" (15.24cm to 20.32cm). Bin capacity is based on 90% of the volume x 33 lbs/ft 3 average density of ice.

## Specifications

AIR COOLED	Model	Ice Shape	Ice Production 24 Hours		Power Usage kWh/100 lbs. @90°Air/70°F	Potable Water Usage/100 lbs. 45.4 kgs. of Ice
			70°/ 50°F 21°/ 10°C	90°/ 70°F 32°/ 21°C		
			1490 lbs. 676 kgs	1150 lbs. 522 kgs		
	KDT-1700A	kube			4.17	20 Gal. 75.7 L
	KYT-1700A	half-kube	1490 lbs. 676 kgs	1175 lbs. 533 kgs	4.17	20 Gal. 75.7 L

Welbilt reserves the right to make changes to the design or specifications without prior notice.

Order ice machine and bin separately.

This product is hermetically sealed and contains fluorinated greenhouse gas R410A.

### Shipping Weight:

Air-cooled: 333 lbs (151 kg)



## Accessories

**Dispenser Bin  
Thermostat Kit**  
Reduces condensation when used with dispensers.



**Top Air  
Discharge Kit**  
Convert air flow to rear in-take / top exhaust.



**Arctic Pure® Plus  
Water Filters**  
reduce sediments and chlorine contaminants down to .5 microns. Use with a Pre-filter is recommended.



**Luminice II Virus  
and Bacteria  
Inhibitor** controls viruses and bacteria inside the ice machine



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