KOOLAIRE by MANITOWOC

# KT-1000 Ice Kube Machine

NOW WITH LUMINICE OPTION BY MANITOWOC

KT-1000 ICE KUBE MACHINE

## Models

☐ KDT-1000A ☐ KYT-1000A ☐ KDT-1000W ☐ KYT-1000W ☐ KDT-1000N ☐ KYT-1000N



Koolaire KT-1000
Ice Kube Machine on K570 Bin

## Ice Machine Electric

203-208V / 60Hz / 1Ph

**Minimum circuit ampacity:**

Air-cooled: 10.8
Water-cooled: 10.1
Remote Air-cooled: 9.3

**Maximum fuse size:**

Air-cooled: 15 amps
Water-cooled: 15 amps
Remote Air-cooled: 15 amps

## Specifications

**BTU Per Hour:**
13,300 (average)
and 16,300 (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)

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 960 lbs (435 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 (order K00520 for 22" & 30" and K00521 for 48" machines)

**based on 70F air / 50F water

## Ice Shape



HALF KUBE
⅜" x 1⅛" x ⅞"
(.95 x 2.86 x 2. 22 cm)
❄ = 100%



KUBE
⅞" x ⅞" x ⅞"
(2.22 x 2.22 x 2.22 cm)
❄ = 100%

CALIFORNIA LOW LEAD QUALIFIED Conforms to NSF 61 Annex G
AHRI CERTIFIED
NSF c UL US LISTED
AQ AutoQuotes
ISO 9001:2015 Certification


**2110 South 26th Street**
**Manitowoc, WI 54220**

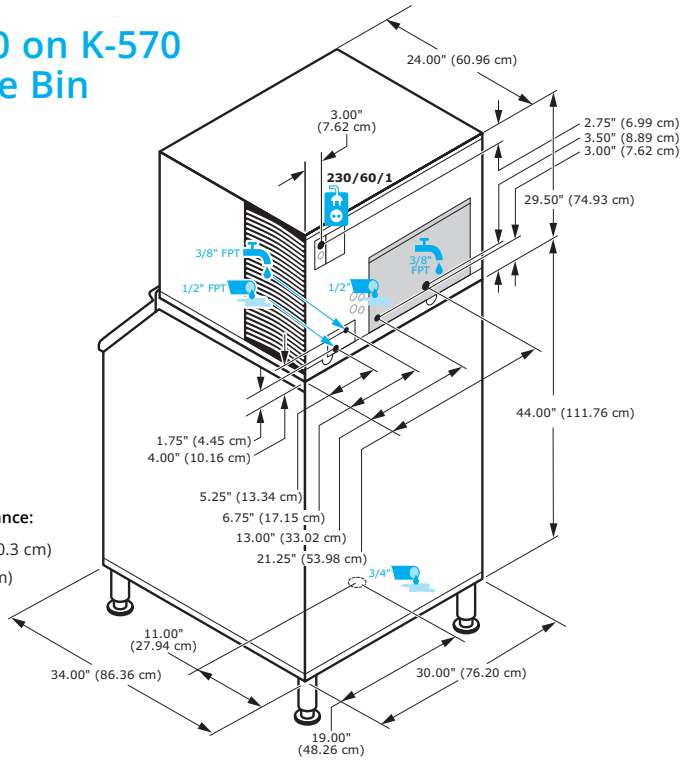
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**www.kool-aire.com**

KOOLAIRE
by MANITOWOC

# KT-1000 ICE KUBE MACHINE

## KT1000 on K-570 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: 140 gals. / 530L.*

## Space-Saving Design



**KT1000**
**K-570**

| | |
|---|---|
| Height | 79.5"<br>202.93 cm |
| Width | 30.00"<br>76.2 cm |
| Depth | 34.00"<br>86.30 cm |
| Bin Storage | 532 lbs.<br>241 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

| | Model | Ice Shape | Ice Production 24 Hours 70°/ 50°F 21°/ 10°C | Ice Production 24 Hours 90°/ 70°F 32°/ 21°C | Power Usage kWh/100 lbs. @90°Air/70°F 1 Ph | Potable Water Usage/100 lbs. 45.4 kgs. of Ice |
|---|---|---|---|---|---|---|
| AIR COOLED | KDT-1000A | kube | 890 lbs. | 680 lbs. | 5.35 | 20 Gal. |
| | | | 404 kgs | 308 kgs | | 75.7 L |
| | KYT-1000A | half-kube | 960 lbs. | 775 lbs. | 4.9 | 20 Gal. |
| | | | 435 kgs | 352 kgs | | 75.7 L |
| WATER COOLED | KDT-1000W | kube | 835 lbs. | 720 lbs. | 4.35 | 20 Gal. |
| | | | 379 kgs | 327 kgs | | 75.7 L |
| | KYT-1000W | half-kube | 860 lbs. | 730 lbs. | 4.25 | 20 Gal. |
| | | | 390 kgs. | 331 kgs | | 75.7 L |
| REMOTE COOLED | KDT-1000N | kube | 860 lbs | 707 lbs | 5.38 | 20 Gal. |
| | | | 390 kg | 321 kg | | 75.7 L |
| | KYT-1000N | half-kube | 905 lbs | 731 lbs | 5.45 | 20 Gal. |
| | | | 411 kg | 332 kg | | 75.7 L |

Order ice machine and bin separately.

For "N" models order Manitowoc JCT1200-261 remote condenser.

## Shipping Weight:

Air-cooled: 202 lbs (92 kg)
Water-cooled: 206 lbs (93 kg)
Remote Air-cooled: 246 lbs (112 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



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


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