

KP0700

Koolaire Ice Cube Machine

KDP0700A | KYP0700A | KDP0700W | KYP0700W

ICE SHAPES



- **Half-Dice:** 3/8" x 1⅛" x 7/8" (0.95 x 2.86 x 2.22 cm)



- **Dice:** 7/8" x 7/8" x 7/8" (2.22 x 2.22 x 2.22 cm)

SIZE

- Up to 641 lbs (290.75 kgs) of daily ice production
- 30" (76.20 cm) wide, 34" (86.36cm) deep, and 59.5" (151.13 cm) high including 6" (15.24 cm) legs
- 532 lb (241 kgs) ice bin storage capacity*

*Application capacity based on 90% volume x 33 lbs./ft³ average density of ice

Koolaire KP0700 Ice Cube Machine on K570 Bin.
Ice machine and bin sold separately.

SPECIFICATIONS

Refrigerant: R290

- Air-cooled: 11 oz (310 g)
- Water-cooled: 11 oz (310 g)

BTU Per Hour

- 9,470 (average)
- 11,510 (peak)

Operating Limits

- Ambient temperature range: 40˚ to 110˚F (4.4˚ to 43.3˚C)
- Water temperature range: 35˚ to 90˚F (1.7 to 32.2˚C)
- Water pressure ice maker (water in)
  - Min. 20 psi (137.9 kPA)
  - Max. 80 psi (551.1 kPA)
- Condenser inlet water in (water-cooled only)
  - Min. 20 psi (137.9 kPA)
  - Max. 275 psi (1,896.06 kPA)

Power

- 203-208/60/1 standard
- Minimum circuit ampacity:
  - Air-cooled: 6.6
  - Water-cooled: 6.3
- Maximum Fuse Size
  - Air Cooled: 15 Amps
  - Water cooled: 15 Amps

FEATURES / BENEFITS

- AHRI performance certified
- Energy-efficient model (see EnergyStar.gov)
- Durable nickel-plated copper evaporators (Made in Manitowoc, WI)
- Simple 3-position control: ON / OFF / CLEAN
- Smudge-resistant stainless-like exterior
- R290 offers a 99.86% GWP reduction compared to R410A
- Front-facing evaporator for easy access
- One-touch cleaning—just add chemical, no ice removal needed
- Tool-free removal of food zone components
- Smooth, white plastic interior for quick wipe-downs
- Sealed food zone with commercial-grade gaskets
- Alpha San antimicrobial protection in key parts

ACCESSORIES

- LuminIce® II Virus and Bacteria Inhibitor
  controls viruses and bacteria in the ice machine
- Dispenser Bin Thermostat Kit
  Reduces condensation when used with dispensers
- Arctic Pure® Pro Water Filters
  Reduces sediments and chlorine contaminants down to 0.5 microns
  Use with a pre-filter is recommended



Luminice II


Thermostat Kit


Arctic Pure Water Filters

KOOLAIRE
FROM MANITOWOC

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INSTALLATION

Ice machine must be installed indoors.

Required clearance for
- Top / Sides: 8" (20.3 cm)
- Back: 5" (12.7 cm)

A Electrical Entrance (2) Options

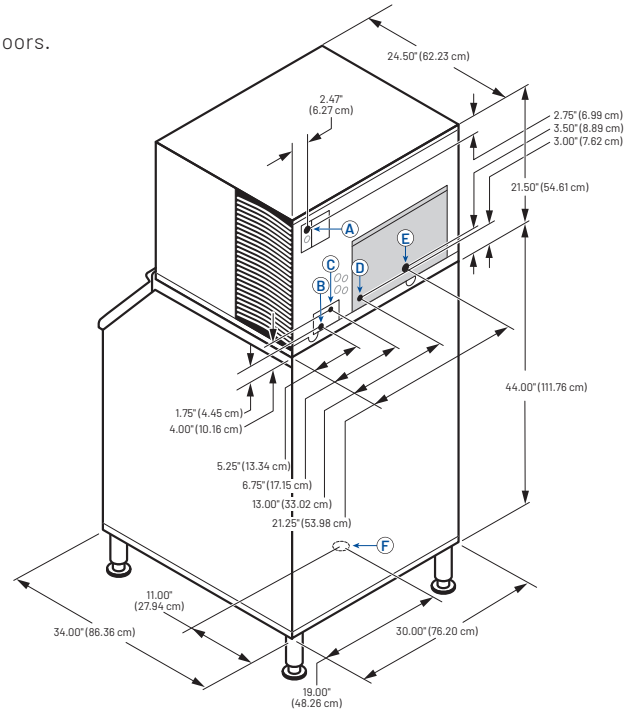
B 3/8" (0.95 cm) F.P.T.
Ice Making Water Inlet

C 1/2" (1.27 cm) F.P.T.
Ice Making Water Outlet

D 1/2" (1.27 cm)
Condenser Water Outlet
(water cooled units)

E 3/8" (0.95 cm) F.P.T.
Condenser Water Inlet
(water cooled units)

F 3/4" (1.91 cm)
Bin Drain



SPACE-SAVING DESIGN



	KP0700 K570
Height	71.50" 181.61 cm
Width	30.0" 76.2 cm
Depth	34.0" 86.30 cm
Bin Storage	532 lbs 241 kgs

Height includes adjustable bin legs 6.00" to 8.00", (15.24 to 20.32 cm) set at 6.00" (15.24 cm).

Bin capacity is based on 90% of the volume x 33 lbs/ft³ average density of ice.

Ice machine and bin sold separately.

SPECIFICATIONS

	Model	Ice Shape	Shipping Weight	Ice Production 24 Hours: 70°Air/50°F Water 21°Air/10°C Water	Ice Production 24 Hours: 90°Air/70°F Water 32°Air/21°C Water	Power Usage kWh per 100 lbs of ice @ 90° Air/70°F Water (32° Air/21°C Water)	Ice Machine Potable water usage per 100 lbs ice @ 90° Air/70°F Water (32° Air/21°C Water)	Condenser water usage per 100 lbs ice @ 90° Air/70°F Water (32° Air/21°C Water)
Air Cooled	KDP0700A	Dice	161 lbs (73.1 kgs)	614 lbs (279 kgs)	529 lbs (240 kgs)	4.91 ★	14.6 gal (55.3 L)	N/A
Air Cooled	KYP0700A	Half-Dice	160 lbs (72.6 kgs)	641 lbs (291 kgs)	545 lbs (247 kgs)	4.49 ★	14 gal (53 L)	N/A
Water Cooled	KDP0700W	Dice	158 lbs (71.7 kgs)	624 lbs (283 kgs)	521 lbs (236 kgs)	3.91	13.5 gal (51 L)	125 gal (473 L)
Water Cooled	KYP0700W	Half-Dice	158 lbs (71.7 kgs)	625 lbs (284 kgs)	571 lbs (259 kgs)	3.6	14 gal (53 L)	125 gal (473 L)

Water-cooled condenser water usage per 100 lbs (45.4 kgs) of Ice: 142 gal (537.5 L).
R290 is a refrigerant grade propane which is naturally occurring with no ozone depletion potential and extremely low global warming potential.

★ Energy Star Model

Limited Commercial Warranty

Ice Maker Three (3) years parts and labor

Evaporator Five (5) years parts and labor

Compressor Five (5) years parts, three (3) years labor

KOOLAIRE
FROM MANITOWOC

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