



Koolaire KP0400
Ice Cube Machine on K400 Bin

KP0400

Koolaire Ice Cube Machine

KDP0400A | KYP0400A | KDP0400W | KYP0400W

ICE SHAPES



▶ **Half-Dice:** 3/8" x 1 1/8" 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 450 lbs (204.12 kgs) of daily ice production
- ▶ 30" (76.20 cm) wide, 34" (86.36 cm) deep, and 59.5" (151.13 cm) high on 6" (15.24 cm) legs
- ▶ 365 lb (165.7 kgs) ice bin storage capacity*

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

SPECIFICATIONS

Refrigerant: R290

- ▶ Air-cooled: 6 oz (170 g)
- ▶ Water-cooled: 5.3 oz (150 g)

BTU Per Hour

- ▶ 7,515 (average)
- ▶ 8,905 (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

- ▶ 115/60/1 standard
- ▶ Minimum circuit ampacity:
 - Air-cooled: 11.4 (115V)
 - Water-cooled: 10.7 (115V)
- ▶ Maximum Fuse Size
 - Air Cooled: 15 Amps (115V)
 - Water cooled: 15 Amps (115V)

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

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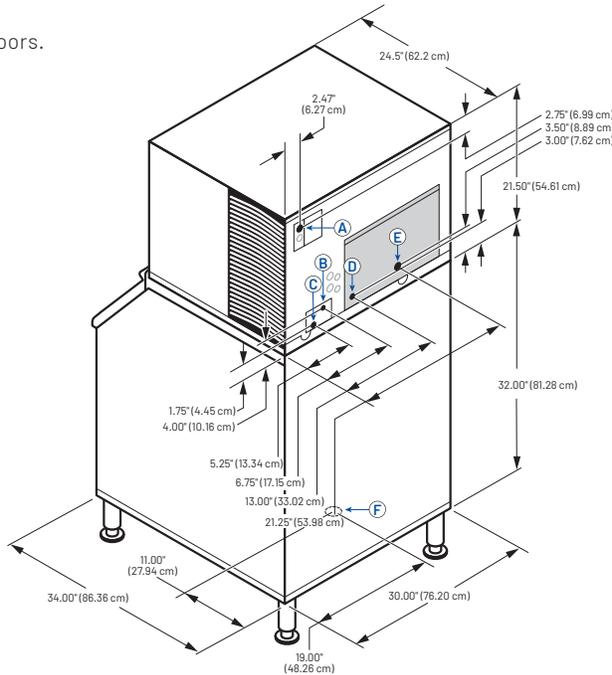
INSTALLATION

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



**KP0400
K-400**

Height	59.50" 151.13 cm
Width	30.0" 76.2 cm
Depth	34.0" 86.30 cm
Bin Storage	365 lbs 165 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		Power usage kWh per 100 lbs of ice	Ice machine potable water usage L per 100 lbs of ice	Condenser water usage per 100 lbs ice
				70° Air/50°F Water 21° Air/10°C Water	90° Air/70°F Water 32° Air/21°C Water			
Air Cooled	KDP0400A	Dice	151 lbs (68.5 kgs)	440 lbs (199 kgs)	333 lbs (151 kgs)	6.17	13.5 gal (51.1 L)	N/A
	KYP0400A	Half-Dice	151 lbs (68.5 kgs)	450 lbs (204 kgs)	350 lbs (159 kgs)	5.3 ★	13.7 gal (51.9 L)	N/A
Water Cooled	KDP0400W	Dice	155 lbs (70 kgs)	399 lbs (181 kgs)	350 lbs (159 kgs)	5.0	14.8 gal (56 L)	142 gal (537.5 L)
	KYP0400W	Half-Dice	156 lbs (71 kgs)	425 lbs (193 kgs)	360 lbs (159 kgs)	4.4	14.1 gal (53.4 L)	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



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