



KP0700

Koolaire Ice Cube Machine

KDP0700A | KYP0700A | KDP0700W | KYP0700W

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 641 lbs (290.75 kgs) of daily ice production
- ▶ 30" (76.20 cm) wide, 34" (86.36 cm) 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

KP0700

Koolaire Ice Cube Machine

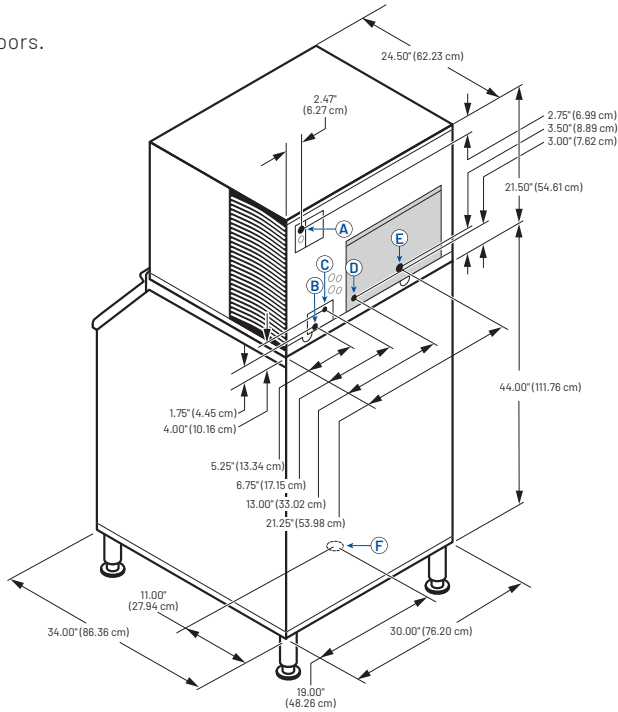
KDP0700A | KYP0700A | KDP0700W | KYP0700W

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 | | Power Usage kWh per 100 lbs of ice | Ice Machine Potable water usage per 100 lbs 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 | 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 |
| | 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) |
| | 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



2110 South 26th Street | Manitowoc, WI 54220 | United States
+1.920.682.0161 | 920.683.7589 Fax | manitowocice.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. ©2025 Pentair. All rights reserved.