



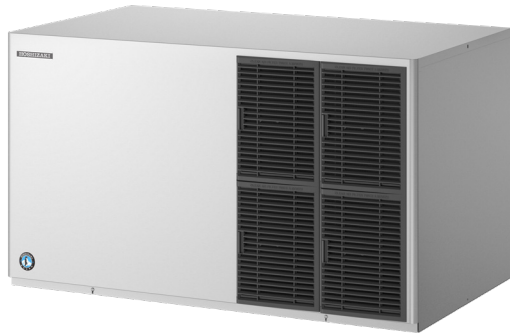
# HOSHIZAKI

## KM-590DJE-R452

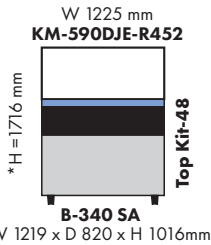
### Modular ice maker for Crescent cubes with separate bin. Ice production up to 630 kg/24h.

#### MODELS AVAILABLE

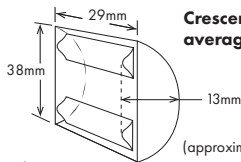
- KMD-210ABE-HC     KMD-270ABE-R452     KM-470AJE-R452
- KM-590DJE-R452



#### Top Kit & Machine Combinations



\* legs of bins: add 90-135 mm. Total height includes top kit.



**Crescent (Edge) cube**  
average weight: 10 grams

(approximate measurements, drawing not in scale)

#### The Crescent cube is:

- Crystal Clear • Solid, no cavities • Individually formed and dispensed
- Fills-up the ice storage bin (added ice reserve) • Slow-melting
- Light- reflecting • Nestles well in the glass (no splash-back) • Displaces a higher percentage of liquid • Does not need water when used in ice-buckets.

MODEL	Cooling	Max. production in 24h Air 10°C Water 10°C (kg)	Max. production in 24h Air 21°C Water 15°C (kg)	Max. production in 24h Air 32°C Water 21°C (kg)	Electric Connection	Electrical circuit breaker protection (A)	Electrical consumption power factor 71% (W)	Water consumption liters m <sup>3</sup> /24h AT 10°C/WT 10°C
<b>KM-590DJE-R452</b>	Air	630	590	500	1/220-240V/50Hz	10	2080	2.41

#### TECHNICAL CERTIFICATIONS



Powered by R452A refrigerant. GWP of 2, 141, 45% lower than R404A. Visit [eur-lex.europa.eu](http://eur-lex.europa.eu) for more detailed information about the EU F-gas regulation.

SERIES: KM  
ITEM: M096

KM-590DJE-R452 modular ice maker produces clear, curved shape ice cubes that are extremely versatile. The benefits of "crescent" shaped ice cubes extend from "splash-free" serving of post mix soft drinks, through to beverage bottles and cans display for impulse purchase. Also ideal for wine and champagne bottles chilling in ice buckets without the addition of water, long drinks & popular Caribbean cocktails preparation and even fish display counters. It's ideal for fast selling establishments such as nightclubs, sporting and entertainment venues.

#### The KM(D) technology from Hoshizaki is the most advanced in the market in terms of:

- **ENERGY EFFICIENCY:** our CycleSaver® technology includes a double-sided evaporator, uniquely crafted in stainless steel, which produces ice on both sides, hence providing as much ice as obtained in a standard machine, but in about half of the production cycles. This results in fewer harvest cycles, which are the non-productive, most stressful phase of the entire cycle for all refrigeration components. CycleSaver® means more ice making time in the 24 hours, less wear and tear and overall longer trouble-free operating lifetime for the machine. Also, refill water, is allowed in the machine between consecutive ice making Cycles, flows into the reservoir through the space between the two back-to-back evaporators. As warmer incoming water flows across the cold refrigerant tubes, it melts the ice that is ready to be harvested, kick-starting the harvest without any energy consumption plus getting pre-chilled for faster ice formation in the next cycle.

Finally an ice machine that does not falter in warm ambient conditions!

- **ICE CUBES QUALITY AND MELT RATE:** KM machines evaporator special shape allows for free and fast water flow across its surface. As such, minerals have little or no time to reach freezing temperatures, hence only the purest water molecules are transformed into ice. This results in crystal clear cubes, even if local water quality is heavily mineralized. Furthermore, as ice grows thicker without creating any internal cavity, the melting speed of crescent cubes is one of the lowest in our industry!

- **UNIQUE STAINLESS STEEL KM EDGE EVAPORATOR:** more efficient than ever, our all stainless steel evaporator can be de-scaled using any mineral deposit removal chemical without any risk of corroding the evaporator plating material. No "flaking" regardless how concentrated the chemical or how frequently the cleaning takes place, as our stainless-steel evaporator construction does not require any protective plating.

- **ICE STORAGE BIN FILL RATE:** rounded crescent cubes are all individually formed and dispensed, allowing for best flowing and nesting capabilities. As cubes accumulate in the ice storage bin, they self-level to the brim, adding an important quantity of ice to your daily reserve using the same bin size and footprint.

**SELF-DIAGNOSTIC ELECTRONIC CONTROL BOARD:** EverCheck™ Control Board with audible alarm and diagnostic features, designed to assist service technicians in diagnosing problems.



#### COMMERCIAL WARRANTY AGAINST MANUFACTURING DEFECTS

PARTS	<b>2</b> YEARS	LABOR	<b>2</b> YEARS
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#### EXTERIOR FINISH

Stainless Steel,  
Galvanized Steel (Rear)

Refrigerant: R452A / 1,900g

#### OPERATING CONDITIONS LIMITATIONS

- Ambient Temperature: 7°C / 38°C
- Water temperature Range: 7°C / 32°C
- Water Supply Pressure: 0,7 bar min. / 7,8 bar max.
- Voltage Range: 198V - 254V
- Ensure Water Flow: 4L/min

For more information visit our website at [www.hoshizaki-europe.com](http://www.hoshizaki-europe.com)  
Hoshizaki Europe B.V. retains the right to change products and their specifications without prior notice.

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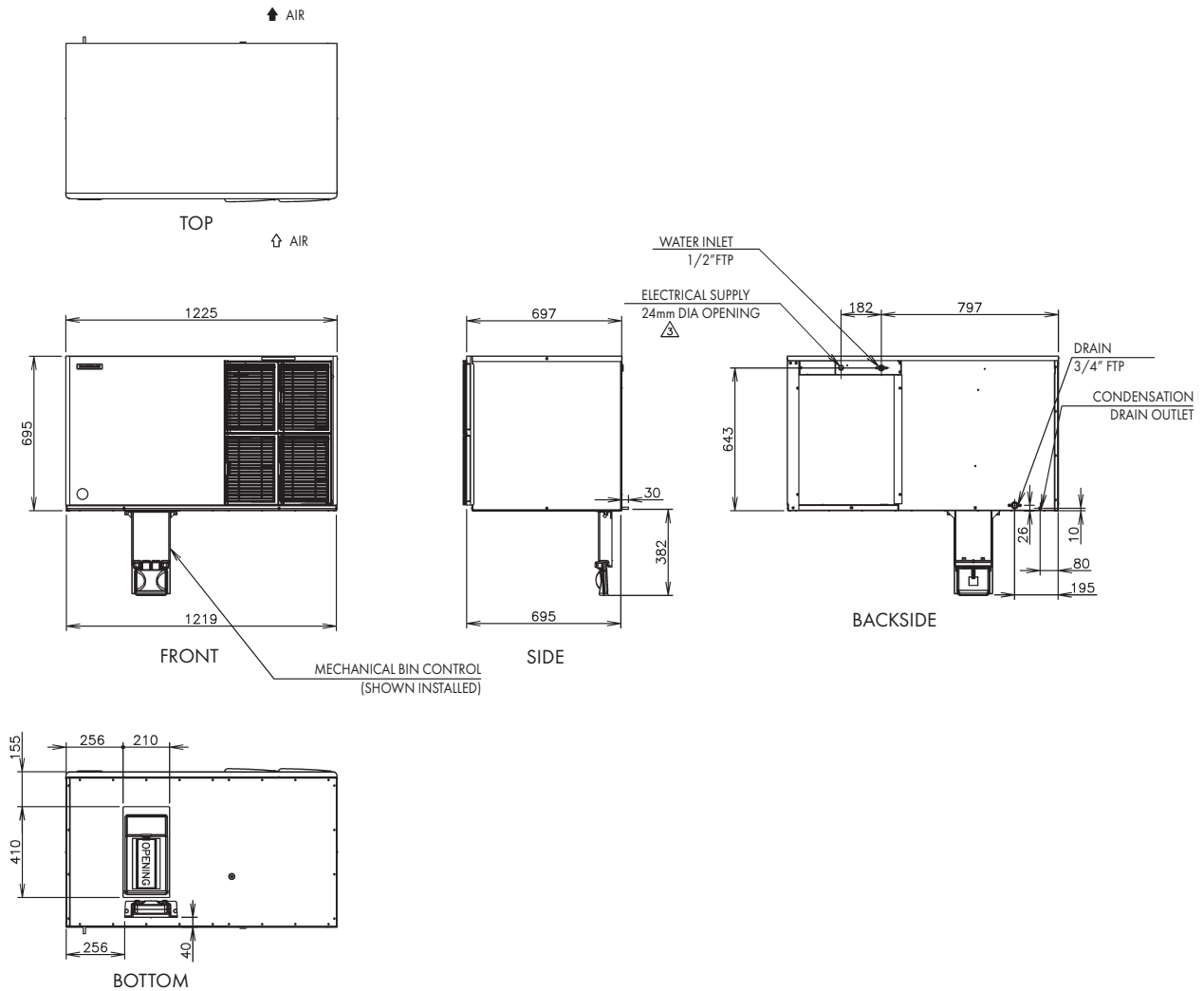


# HOSHIZAKI

LEADING NATURALLY

## KM-590DJE-R452

Modular ice maker for Crescent cubes with separate bin.  
Ice production up to 630 kg/24h.



### SHIPPING SPECIFICATIONS

MODEL	Net Equipment Dimensions		Crated dimensions		
	W x D x H (mm)	Net Weight (kg)	W x D x H (mm)	Gross Weight (kg)	Volume (m <sup>3</sup> )
KM-590DJE- R452	1225 x 695 x 695	136	1324 x 796 x 880	151	0.93

- ACCESSORIES**
- Instruction Manual
  - Universal Brace (2) • Bolt (5)
  - Thumbscrew



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