



**OPERATING CONDITIONS**  
 Ambient Temp.:1-40°C, Water Supply Temp.:5-35°C  
 Water Supply Pressure:0.07-0.78MPa(0.7-8bar)  
 Voltage Range: Rated Voltage±6%

\*We reserve the right to make changes in specifications and design without prior notice.

1. Install the ice maker properly in accordance with the instructions on location, water supply/drain connections and electrical connections stated in the instruction and installation manuals provided. Allow 10mm extra space at the installation site to meet any installation requirements (additional spacing is also required for proper air flow and pipe connections).
2. The ice production depends on the ambient and water temperatures. Refer to the instruction manual.
3. Product code: M031-C102, M031-C122, M031-C132

ITEM	Hoshizaki Cube Ice Maker	
MODEL	IM-100A	
AC SUPPLY VOLTAGE	1 PHASE 220-240V 50Hz	
AMPERAGE	4.8A (AT.32°C, WT.21°C)	
STARTING AMPERAGE	18.4A	
ELECTRIC CONSUMPTION	680W (AT.32°C, WT.21°C)	
POWER FACTOR	59%	
POWER SUPPLY CAPACITY	Min. 1.53kVA (6.4A)	
ICE PRODUCTION PER 24h	Approx. 100kg (5mm) / 112kg (15mm) (AT.10°C, WT.10°C) Approx. 98kg (5mm) / 108kg (15mm) (AT.21°C, WT.15°C) Approx. 81kg (5mm) / 88kg (15mm) (AT.32°C, WT.21°C)	
WATER CONSUMPTION PER 24h	Approx. 0.41m³(5mm)(AT.10°C, WT.10°C) Approx. 0.21m³(5mm) (AT.21°C, WT.15°C) Approx. 0.17m³(5mm) (AT.32°C, WT.21°C)	
SHAPE OF ICE	Cube Approx. 28×28×32mm	
FREEZE CYCLE TIME	Approx. 28min (5mm) (AT.21°C, WT.15°C)	
ICE PRODUCTION PER CYCLE	1.8kg/80pcs.(5mm) (AT.21°C, WT.15°C)	
MAX STORAGE CAPACITY	52kg(Bin Control Setting Approx. 34kg)	
DIMENSIONS	660mm(W) × 570mm(D) × 1200mm(H)	
EXTERIOR	Stainless Steel, SUS Door & Louver, Galvanized Steel(Rear)	
INSULATION	Polyurethane Foam	
INSULATION FOAM BLOWING AGENT	Cyclopentane	
CONNECTIONS -ELECTRIC	X-Type Connection	
CONNECTIONS -WATER SUPPLY	Inlet G1/2" (connected at rear side)	
CONNECTIONS-DRAIN	Outlet I.D. φ22mm (connected at rear side)	
ICE MAKING SYSTEM	Cell type	
HARVESTING SYSTEM	Hot Gas Defrost	
COMPRESSOR	Hermetic	
CONDENSER	Air-cooled	
HEAT REJECTION	1335W 1150kcal/h	
EVAPORATOR	Tin-plated Copper Tube on Sheet and Cells	
REFRIGERANT CONTROL	Thermostatic Expansion Valve	
REFRIGERANT CHARGE	R404A / 400g	
ICE MAKING CONTROL SYSTEM	Thermistor, Timer	Controller Board
HARVESTING CONTROL SYSTEM	Thermistor	
BIN CONTROL SYSTEM	Microswitch with Time Delay	Board
ICE MAKING WATER CONTROL SYSTEM	Timer, Water Pan's movement	
ELECTRICAL PROTECTION	Class I Appliance, 5A Fuse	
COMPRESSOR PROTECTION	Auto-reset Overload Protector	
ICE MAKER PROTECTION	Interlock by Controller Board	
WEIGHT	Net weight 76kg/Gross weight 95kg	
PACKAGE	Carton 760mm(W) × 680mm(D) × 1379mm(H)	
ACCESSORIES	Scoop, Leg, Installation Kit	

# HOSHIZAKI CUBE ICE MAKER IM-100A

APPROVED YAMAGUCHI	CHECKED TAINQ	DESIGNED WYF	DRAWN WYF	SCALE 1/10	TRIGONOMETRY
APPROVED	DESIGNED	SYMBOL	DATE 2019.10.21	DRAWING NO. D27383	SYMBOL