

ACSON ICE MACHINE

Have an Ice Day



ACSON[®]
International
Air Conditioners

Water Spray System Technology



Water Spray System Technology

Freshwater shape up the ice by being sprayed onto a horizontal evaporator while the mineral-rich water returns to the internal tank and is thereafter eliminated at the end of the production cycle. With an outcome of the pure and crystal-like ice cube.

- 1 With dedicated patented and designed spray nozzles to prevent the calcareous build up.
- 2 Designed for the hospitality industry such as restaurants, pubs or bars, etc.
- 3 This dedicated ice cube from the water spray system melts very slowly that allows the customer to enjoy cooled drinks longer.
- 4 Better hardness and permeability of ice cubes.
- 5 High grade foodsafe AISI 304 Stainless Steel external high-quality finishing with integrated door improves machine cleanliness.



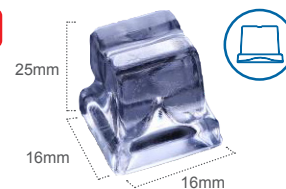
Technical Features / Operating Limits

Cooling Method	Air Cooled
Exterior Material	AISI 304 Stainless Steel
Switch	External On/Off Switch
Tropicalized machines	Class 5
Electrical supply	220~240V/ 50Hz
Certification	CE
Include of	<ul style="list-style-type: none"> • Built-In Self Cleaning Mode • Auto Shut Off • Scoop Included • Type G power plug for simple installation included • Tubing for Supply and Drain lines included
Supported OS	<ul style="list-style-type: none"> • Refrigerant R134a • Ambient Operating Range: 10°C ~ 38°C • Water inlet connection: 3/4" O.D. • Drain 4.5'- 5' connection

Note: Use of Water Filter is recommended.

Model	AIMAZ020	AIMAZ030
Illustration		
Ice Type	 Individual Cube Ice	 Individual Cube Ice
Ice Size (H x W x D)	25 x 16 x 16 mm	25 x 16 x 16 mm

Individual Cube Ice



Water Flow System Technology



Water Flow System Technology

Water is sprinkled over the surface of vertical evaporator grid plate with ice cube formed in each cell grid, similar to a mould for chocolates. This system is the most cost-efficient choice that ensure large production quantities in a short time.

- 1 With dedicated vertical evaporator and enduring ice making technology offer high efficiency of ice production.
- 2 This cube shaped ice offer the most appropriate beverage contact that ideal for fast serve purposes.
- 3 Designed for the fast-paced hospitality industry such as bubble tea shop, restaurant, hospital, etc.
- 4 AISI 304 Stainless Steel exterior construction provides durability to a unit that is low maintenance and easy to be clean.

Model	AIMAZ040L	AIMAZ060L	AIMAZ120L	AIMAZ200LN *
Illustration				
Ice Type	 Full Size Slab Cube	 Full Size Slab Cube	 Full Size Slab Cube	 Full Size Slab Cube
Ice Size (H x W x D)	22 x 22 x 22 mm	22 x 22 x 22 mm	22 x 22 x 22 mm	18 x 22 x 22mm

Note: 1. Model with * are standard configured with ice storage bin, AIMAZ-180.

2. Model with * are compatible and can be stacked with AIMAZ-180.



Technical Features / Operating Limits

Cooling Method	Air Cooled
Exterior Material	AISI 304 Stainless Steel
Switch	External On/Off Switch
Tropicalized machines	Class 5
Electrical supply	220~240V/ 50Hz
Certification	CE
Include of	<ul style="list-style-type: none"> • Built-In Self Cleaning Mode • Auto Shut Off • Scoop Included • Type G power plug for simple installation included • Tubing for Supply and Drain lines included • User friendly, digital controller external diagnostics display for selected models
Supported OS	<ul style="list-style-type: none"> • Refrigerant R134a & R404A • Built-In Self Cleaning Mode • Ambient Operating Range : 10°C~38°C • Water inlet connection : 1/4" OD • Drain connection: varied as different model

Note: Use of Water Filter is recommended.

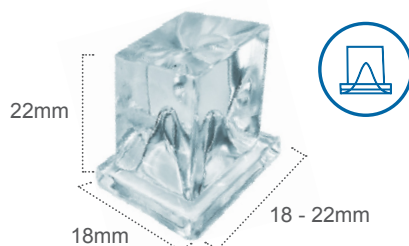
Features - Ice Storage Bin (AIMAZ-180)



- 1 Storage capacity about 400 lbs (213kg).
- 2 Bin door and exterior are made of stainless steel which is durable.
- 3 Includes 3/4" gravity drain.
- 4 Model AIMAZ200LN, AIMAZ300LN and AIMAZ500LN come together with it.
- 5 Polyethylene bin liner designed with better sanitation.


AIMAZ300LN *	AIMAZ500LN *
	
	
Full Size Slab Cube	Full Size Slab Cube
18 x 22 x 22mm	18 x 22 x 22mm

Full Size Slab Cube



Specifications

Water Spray System (AIMAZ020 -030)


Model			AIMAZ020	AIMAZ030
Ice Production Capacity (21°C AT /10°C WT)		kg/day	18	33
Ice Production Capacity (32°C AT /21°C WT)		kg/day	9	22
Ice Storage capacity		kg (lb)	8 (18)	11 (24)
Ice Type			 Individual Cube Ice	
Ice Size (H x W x D)		mm	25 x 16 x 16 mm	25 x 16 x 16 mm
Ice quantity per cycle			28	40
Power Source		V/Ph/Hz	220 - 240 / 1 / 50	
Rated current		A	3.1	4.4
Rated power		W	350	420
Refrigerant	Type		R134a	
	Charge	kg (lb)	0.155 (0.342)	0.18 (0.397)
High Side Pressure		psi (MPa)	79.77 (0.55)	
Low Side Pressure		psi (MPa)	14.50 (0.10)	
Unit Dimension	Height	mm (in)	630 (25)	826 (32.5)
	Width	mm (in)	360 (14)	419 (16.5)
	Depth	mm (in)	470 (18.5)	541 (21.3)
Packing Dimension	Height	mm (in)	726 (28.6)	915 (36)
	Width	mm (in)	448 (17.6)	480 (18.9)
	Depth	mm (in)	558 (22)	585 (23)
Net Weight		kg/lb	30 (66.1)	37 (81.6)
Gross Weight		kg/lb	33 (72.7)	42 (92.6)
Water Supply Pipe Length		m (in)	1.5 (59.1)	
Drain Pipe Length		m (in)	1.5 (59.1)	

Notes:

- Nominal ice production capacity are based on the condition of 21°C Ambient Temperature /10°C space Water Temperature; 32°C Ambient Temperature /21°C Water Temperature.
- All specifications are subjected to change by the manufacturer without prior notice.

Specifications

Water Flow System (AIMAZ040L -500L)

Model			AIMAZ040L	AIMAZ060L	AIMAZ120L	AIMAZ200LN*	AIMAZ300LN*	AIMAZ500LN*
Ice Production Capacity (21°C AT /10°C WT)	kg/day		48	53	127	205	273	426
Ice Production Capacity (32°C AT /21°C WT)	kg/day		33	44	98	143	218	366
Ice Storage capacity	kg (lb)		11 (24)	16 (35)	40 (88)	213 (470)	213 (470)	213 (470)
Ice Type			 Full Size Slab Cube					
Ice Size (H x W x D)	mm		22 x 22 x 22 mm	22 x 22 x 22 mm	22 x 22 x 22 mm	18 x 22 x 22mm	18 x 22 x 22mm	18 x 22 x 22mm
Ice quantity per cycle	unit		55	80	126	288	288	432
Power Source	V/Ph/Hz		220 - 240 / 1 / 50					
Rated current	A		3.6	3	5.5	6	6.2	15.5
Rated power	W		420	560	880	1046	1290	2224
Refrigerant	Type		R134a / R404A			R404A		
	Charge	kg (lb)	0.15 (0.331)	0.23 (0.507)	0.66 (1.455)	0.67 (1.477)	1.27 (2.800)	1.62 (3.571)
High Side Pressure	psi (MPa)		79.77 (0.55)					
Low Side Pressure	psi (MPa)		14.50 (0.10)					
Unit Dimension	Height	mm (in)	826 (32 1/2)	826 (32 1/2)	990 (39)	532 + 900 (21 + 35 3/7)	532 + 900 (21 + 35 3/7)	679 + 900 (26.7 + 35 3/7)
	Width	mm (in)	419 (16 1/2)	561 (22 1/9)	610 (24)	766 + 764 (30 1/6 + 30)	766 + 764 (30 1/6 + 30)	766 + 764 (30 1/6 + 30)
	Depth	mm (in)	541 (21 1/3)	541 (21 1/3)	610 (24)	625 + 865 (24 3/5 + 34)	625 + 865 (24 3/5 + 34)	625 + 865 (24 3/5 + 34)
Packing Dimension	Height	mm (in)	915 (36)	915 (36)	900 (35 3/7)	724 + 1123 (28 1/2 + 44 1/5)	724 + 1123 (28 1/2 + 44 1/5)	863 + 1123 (34 + 44 1/5)
	Width	mm (in)	480 (18 8/9)	610 (24)	665 (26 1/6)	820 + 835 (32 2/7 + 32 8/9)	820 + 835 (32 2/7 + 32 8/9)	820 + 835 (32 2/7 + 32 8/9)
	Depth	mm (in)	585 (23)	586 (23)	655 (25 4/5)	680 + 975 (26 7/9 + 38 2/5)	680 + 975 (26 7/9 + 38 2/5)	680 + 975 (26 7/9 + 38 2/5)
Net Weight	kg (lb)		37 (81.6)	40 (88)	63.7 (140)	54.5 + 40 (120 + 88)	61 + 40 (134.5 + 88)	81 + 40 (178.5 + 88)
Gross Weight	kg (lb)		42 (92.6)	46 (101)	61.7 (136)	68 + 66 (150 + 145.5)	75.5 + 66 (166.5 + 145.5)	89 + 66 (196 + 145.5)
Water Supply Pipe Length	m (in)		1.5 (59.1)					
Drain Pipe Length	m (in)		1.5 (59.1)					

Ice Storage Bin (AIMAZ-180)



Model			AIMAZ-180
Ice storage capacity	kg (lb)		213 (470)
Unit Dimension (Individual)	Height	mm (in)	900 (35 3/7)
	Width	mm (in)	764 (30)
	Depth	mm (in)	865 (34)
Packing Dimension	Height	mm (in)	1123 (44 1/5)
	Width	mm (in)	835 (32 8/9)
	Depth	mm (in)	975 (38 2/5)
Net Weight	kg/lb		40 (88)
Gross Weight	kg/lb		66 (145.5)

Notes:

- Model with * are standard configured with ice storage bin, AIMAZ-180.
- Nominal ice production capacity are based on the condition of 21°C Ambient Temperature /10°C Water Temperature; 32°C Ambient Temperature /21°C Water Temperature.
- All specifications are subjected to change by the manufacturer without prior notice.



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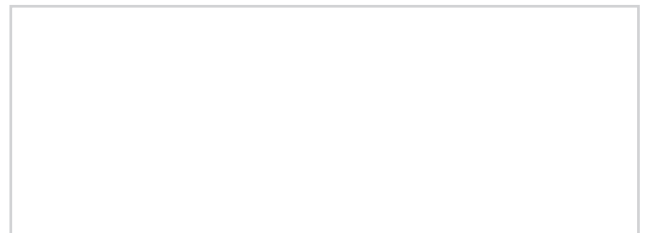
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