

SPIKA Cubers



SPIKA Series offers the "Classic American" style of ice available in full and half dice shaped cubes, that will meet the most stringent demands of the food service industry.

A new revolutionary system for water distribution, patented by ITV, allows water to "cascade" over the entire evaporator, allowing SPIKA cubes to take form perfectly.

The Vertical Plate Evaporator, specially designed by ITV's engineers, is much more energy efficient than others, resulting in lower operating cost and greater savings, while maintaining the utmost environmental friendliness.

Beverages are chilled in a very short time while not affecting the taste. The SPIKA Series meets the most demanding requirements with fast ice production.



Vertical Plate Evaporator

3 YEARS
WARRANTY
PARTS & LABOR




Half dice
1/2" x 1"
1.25 x 2.5 cm




Full dice
1"x1"
2.5 x 2.5 cm





SPIKA Cubers


 **NATURAL REFRIGERANT:** Natural gas r290 with very low global warming potential which also reduces the energy consumption.


 **WATER DISTRIBUTOR:** Increases resistance against scale build up. Easily removable and cleanable.

 **INLET WATER CONNECTION THROUGH EVAPORATOR:** Helps to harvest; precools water; assists energy recovery.


 **EASY ACCESS FOR SERVICE AND INSTALLATION:** Designed to have better access to all components making installation and servicing operations easier.

 **OPERATING LIMITS:** Tropicalized machines (Class T); Suitable for low temperature environments of 41° (5°C) Air and Water and high temperature environments of 109°F (43°C) (Air), 95°F (35°C) (Water).
Water pressure: Min. 10 psi. (0.7 bar.)/ Max. 85 psi. (6 bar.).
NOTE: Install a pressure reducer if water inlet pressure is more than 85 psi. (6 bar.).

 **MORE ENERGY EFFICIENT:** Reducing water and electricity consumption.


 **WARRANTY:** 36 months parts and labor + 24 additional months parts on both compressor and evaporator.


UNDER-COUNTER SERIES


 **DUAL SWITCH:** External switch allows to turn the machine on/off easily. Removing the top cover, we have the Ice/clean cycle switch on one side of the electrical box.

 **SEAL-LESS PUMP OUTSIDE ICE ZONE**


 **STRONG INOX FRAME. STAINLESS STEEL CONSTRUCTION:** Box-type frame with stainless steel supports, makes the machine stronger and allows servicing operation without disassembling the entire machine.


 **FRONT VENTILATION:** Condensing unit permits 100% front ventilation, air inflow and outflow through the front grill on under counters, thus permitting embedded installation. Airflow is rear intake and exhale on sides.

 **INSULATED STORAGE BIN:** Storage bin with polyurethane foam insulation gives higher rigidity with lower heat transmission. Isolated but not refrigerated bins.


 **ELECTRICAL SPECIFICATIONS:** 115V/60Hz./1 - Fuse Size 15 - Nema Plug Type 5-15P.
*Also available 208-230V/60Hz. - 220V/50Hz. (Special Order).


MODULAR SERIES

 **22" WIDE:** Standard width for modular ice makers. Fits standard 22" Beverage Dispenser and all 22" wide Storage Bins.

 **30" WIDE:** Standard width for modular ice makers. Fits standard 30" Beverage Dispenser and all 30" wide Storage Bins.

 **ELECTRICAL SPECIFICATIONS:** MS 500–115V/60Hz/1–Plug 5-15P. *Also available 208-230V/60Hz–220V/50Hz. (Special Order) MS 1000–208-230V/60Hz/1–Plug 6-15P. Also available three phase.

 **HEAVY DUTY CONSTRUCTION:** Stainless Steel construction with plastic top cover and grill.

 **DUAL SWITCH:** A rear switch allows to turn the machine on/off easily. Remove the front cover for access to the ice/cleaning cycle switch.

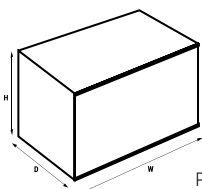
SPIKA Modular



Half dice
1/2" x 1"
1.25 x 2.5 cm



Full dice
1"x1"
2.5 x 2.5 cm



SPIKA MS 400-22			SPIKA MS 500			SPIKA MS 700-22			SPIKA MS 1000		
W	D	H	W	D	H	W	D	H	W	D	H
22"	24.41"	25.95"	29.92"	24.41"	19.69"	22"	24.41"	25.95"	29.92"	24.41"	29.92"
55.9 cm	62 cm	65.9 cm	76 cm	62 cm	50 cm	55.9 cm	62 cm	65.9 cm	76 cm	62 cm	76 cm

Please, refer to the bin's section to ascertain information as to the correct bin for your ice maker. *Water cooled units available special order only. *Special order only.

ITEM #	COND. UNIT	CUBE STYLE	DAILY PRODUCTION LBS./ KG 70°F - 50°F 90°F - 70°F 21°C - 10°C 32°C - 21°C	CUBES CYCLE	WATER USAGE GAL./100LBS. / L./HR. 90°F - 70°F	VOLTAGE	KWH/100 LBS. - AMPS.	NET WEIGHT. LBS./ KG.	SPEC SHEET
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MS 400-22

MS 400-22 A1H	17507U	A	HALF	432/196	351/159	300	2.93/11.1	115V / 60Hz / I	5.90/8.8	143.3/65	
MS 400-22 A1F	18507U	A	FULL	432/196	351/159	150	2.93/11.1	115V / 60Hz / I	5.90/8.8	143.3/65	

A = Air, W= Water Use Item # number when ordering

Shipping Weight: 180.78 Lbs. (82 Kg.)

MS 500

MS 500 A1H	17204U	A	HALF	480/218	333/153	400	3.27/12.4	115V/60Hz/1	5.25/8.80	187/85	
MS 500 W1H*	17205	W	HALF	461/209	410/186	400	-	115V/60Hz/1	4.91/14.50	187/85	
MS 500 A1F	18204U	A	FULL	480/218	333/153	200	3.27/12.4	115V/60Hz/1	5.25/8.80	187/85	
MS 500 W1F*	18205	W	FULL	461/209	400/182	200	-	115V/60Hz/1	4.73/14.50	187/85	

A = Air, W= Water Use Item # number when ordering

Shipping Weight: 209.44 Lbs. (95 Kg.)

MS 700-22

MS 700-22 A1H	17504	A	HALF	668/303	553/251	480	4.5/17	115V/60Hz/1	6.73/14.50	155.21/70.4	
MS 700-22 W1H*	17505	W	HALF	-	-	240	-	115V/60Hz/1	4.91/14.50	155.21/70.4	
MS 700-22 A1F	18504	A	FULL	676/307	527/239	480	4.5/17	115V/60Hz/1	6.48/14.50	155.21/70.4	
MS 700-22 W1F*	18505	W	FULL	-	-	240	-	115V/60Hz/1	4.73/14.50	155.21/70.4	
MS 700-22 A2H*	17508	A	HALF	668/303	553/251	480	4.5/17	208-230V/60Hz/1	6.70/9.00	155.21/70.4	
MS 700-22 W2H*	-	W	HALF	-	-	240	-	208-230V/60Hz/1	4.90/9.00	155.21/70.4	
MS 700-22 A2F*	18502	A	FULL	676/307	527/239	480	4.5/17	208-230V/60Hz/1	6.50/9.00	155.21/70.4	
MS 700-22 W2F*	18503	W	FULL	-	-	240	-	208-230V/60Hz/1	4.70/9.00	155.21/70.4	

A = Air, W= Water Use Item # number when ordering

Shipping Weight: 180.78 Lbs. (82 Kg.)

MS 1000

MS 1000 A2H	17402	A	HALF	970/440	730/331	800	5.12/19.4	208-230V/60Hz/1	5.34/10.00	232/105	
MS 1000 W2H*	17403	W	HALF	974/442	915/415	800	-	208-230V/60Hz/1	3.90/10.00	232/105	
MS 1000 A2F	18402	A	FULL	970/440	730/331	400	5.12/19.4	208-230V/60Hz/1	5.40/10.00	232/105	
MS 1000 W2F*	18403	W	FULL	974/442	915/415	400	-	208-230V/60Hz/1	3.94/10.00	232/105	

A = Air, W= Water Use Item # number when ordering

Shipping Weight: 277.79 Lbs. (126 Kg.)