

Akoona Model AK23

Data Sheet #1

PHYSICAL SIZE

Width	1160 mm	45.7 in
Depth (including display panel and ice output)	1520 mm	60 in
Height (including legs extended to 3.5" height)	2430 mm	95.7 in
Weight (without Scotsman Ice machine)	540kg	1200 lbs

UTILITY SERVICE REQUIREMENTS

Electrical Service	208-230 VAC, 50 Hz/60Hz, 30 Amp service, 2 wire w/gnd	
Water line size	12 mm	1/2 in
Water pressure (minimum)	1.4 bar	20 psi
Water pressure (maximum)	5.5 bar	80 psi
Water temperature (minimum)	4.4 C	40 F
Water temperature (maximum)	38.0 C	100 F
Drain line size	18 mm	3/4 in
Required drain capacity (max per hour)	18 liters	5 gal



AMBIENT CONDITIONS

Air temperature (minimum operating)	9 C	48 F
Air temperature (maximum operating)	40 C	105 F
Air temperature (minimum absolute)	1 C	33 F
Air temperature (maximum absolute)	60 C	140 F

ICE STORAGE & DISPENSING

Ice storage bin size	175 kgs	385 lbs
Average of ice weight per vend	3.77 kg	8.31 lbs
Average # bags in storage bin when full ¹	46 bags	46 bags
Standard deviation of ice weight per vend	0.34 kg	0.75 lbs
Cube size	22 mm	7/8 in
Insulated storage – Ice melt rate	~9.0 % per 24 hrs @ 80 F	
Time to complete one ice vend	5.8 seconds	

ICE PRODUCTION – COMPATIBLE SCOTSMAN MODELS

Model #	bags/hr (@21C)	bags/hr (@32C)	Shipping weight	kWh/45.4kg (100lbs)	liters/45.4kg (100 lbs)
C0530	2.81	2.13	80 kg/175 lbs	6.0 kWh	71.3 liters / 18.8 gal
C1030	5.40	4.20	107 kg/235 lbs	5.0 kWh	69.8 liters / 18.4 gal
C1448	7.80	6.24	157 kg/345 lbs	4.6 kWh	70.2 liters / 18.5 gal
C1848	9.87	8.02	161 kg/355 lbs	4.9 kWh	73.2 liters / 19.3 gal

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Data Sheet #2

WATER DISPENSING

Filter make/model	Everpure EV9330-42 – Twin MC2 with pre and scale	
Maximum flow rate	12.6 lpm	3.34 gpm
Maximum flow between filter changes	68 130 liters	12 000 gal
Pressure transducer range	0.0 - 13.7 bars	0 - 200 psi
Pressure transducer accuracy	+/- 0.03 bars	+/- 0.5 psi
Flow meter range	2-30 lpm	0.5-7.9 gpm
Flow meter accuracy	+/- 30 ml/l	+/- 4oz /gal
Water volume per vend (minimum setting)	100 ml	0.026 gal
Water volume per vend (maximum setting)	19 000 ml	5.0 gal



BAG DISPENSING

Bag width (minimum)	280 mm	11 in
Bag width (maximum)	330 mm	13 in
Bag length (minimum)	660 mm	26 in
Bag length (maximum)	760 mm	30 in
Bag thickness (minimum)	0.03 mm	1.2 mils
Bag thickness (maximum)	0.05 mm	2.0 mils
Bags per roll (maximum at average thickness)		1000 bags
Maximum torque rating of bag brake	54 n/m	40 ft/lbs



USER INTERFACE / ELECTRONICS

GSM modem / antenna	Quad band. Worldwide wireless compatibility	
Custom backlit graphics panel size	813 mm x 1524 mm	32 in x 60 in
Coin manager	(1) standard MDB coin manager opening	
Bill acceptor	(1) standard MDB bill acceptor opening	
LCD display		4x40
Maximum vend price display		99999.99
Maximum vend qty display		

ⁱ Includes 3-4 bags held in storage but held in reserve and not available for dispensing. This feature can be disabled.