



Scotsman MC0330 300lb Cube Ice Machine Owner's Manual

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Scotsman[®]
SIS-SS-PE-MC0330 09-22

**MC0330 300lb Cube Ice Machine
Owner's Manual**



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MC0330 300lb Cube Ice Machine



Compatible with ICELINQ®



The ICELINQ® app simplifies interaction with machine via Bluetooth® connection



Intelligent sensor technology maximizes efficiency and lowers operating costs

ENHANCED RELIABILITY

Integrated ICELINQ® App

Provides real-time diagnostics, access to settings and guided cleanings. The app also contains specific information for convenient maintenance.

Upgraded Sensors

Ice thickness and water sensor design enhances cleanability and amplifies durability.

Preservation Mode

Maximizes uptime and notifies users of potential issues.

EASE OF USE

AutoAlert Panel

The AutoAlert panel displays relevant machine status that is visible across the room. Now featuring an external bin full indicator light and easier to read 16-segment display.

SANITARY DESIGN

Removable, External Air Filters

Speeds up cleaning process and reduces unit footprint.

WaterSense Adaptive Purge

Optimizes water consumption, keeping the machine cleaner and operating more efficiently.



24 Hour Volume Production

Air Cooled		Water Cooled	
70°F/21°C 50°F/10°C	90°F/32°C 70°F/21°C	70°F/21°C 50°F/10°C	90°F/32°C 70°F/21°C
400/182 lb/kg	288/131 lb/kg	420/191 lb/kg	326/148 lb/kg



Modular Bin Options



Model Number*	Dimensions W" x D" x H"	Bin Application Capacity lb/kg	Finish	Ship Weight lb/kg
B330P	30 x 34 x 36	344/156	Poly	130/59
B530S or P	30 x 34 x 50	536/244	Metallic or Poly	150/68

* Contact Scotsman for bin top requirements.



Cube Ice

Common ice form, ideal for mixed drinks.



Small Cube 7/8" x 7/8" x 3/8" (2.22 x 2.22 x .95 cm)

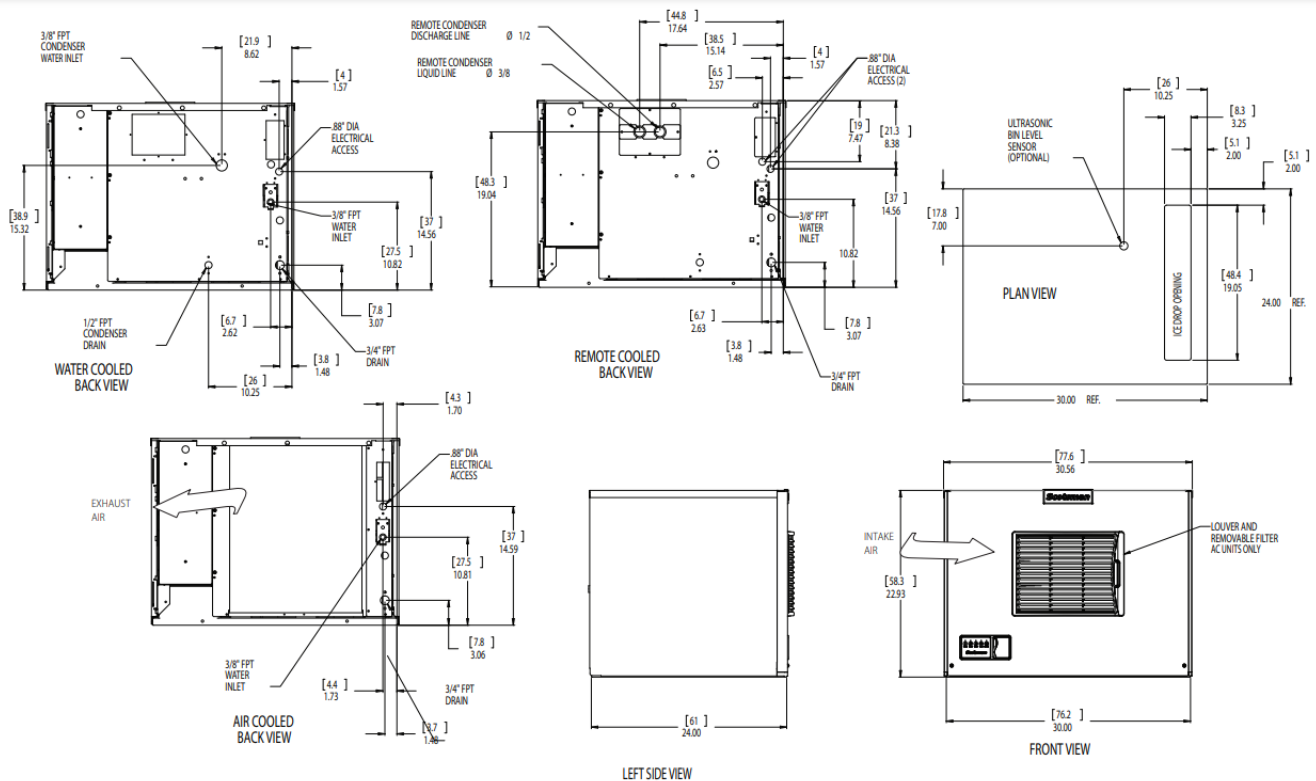


Medium Cube 7/8" x 7/8" x 7/8" (2.22 x 2.22 x 2.22 cm)



- 3 Years parts and labor on all components.
- 5 Years parts and labor on the evaporator.
- 5 Years parts on the compressor and condenser.
- Warranty valid in North, South & Central America for commercial installations.
- Contact factory for warranty in other regions.
- Residential Applications: 1 year parts and labor

MC0330 – 300lb Cube Ice Machine



Model Number Cube Size: medium or small	Condenser Unit	Basic Electrical Volts/Hz/Phase	Max. Fuse Size or HACR Circuit Breaker (amps)	Circuit Wires	Min. Circuit Ampacity	Energy Consumption kWh/100 lb (45.4 kg) 90°F (32°C)/70°F (21°C)	Water Usage Gallons/100 potable 90°F (32°C)/70°F (21°C)	Water Usage (liters/45.4 kg) Condenser 90°F (21°C)
MC0330MA-1	Air	115/60/1	15	2	14.3	6.23	18.0/68.1	—
MC0330MW-1	Water	115/60/1	15	2	13.5	4.97	18.0/68.1	139.0/526.2
MC0330MA-32	Air	208-230/60/1	15	2	7.1	6.23	18.0/68.1	—
MC0330SA-1	Air	115/60/1	15	2	14.3	6.23	18.0/68.1	—
MC0330SW-1	Water	115/60/1	15	2	13.5	4.97	18.0/68.1	139.0/526.2



All Models

Dimensions (W x D x H):

Unit:	30" x 24" x 23" (76.2 x 61.0 x 58.4 cm)
Shipping Carton:	33.5" x 27.5" x 28" (85.1 x 69.9 x 71.1 cm)
Shipping Weight: 155 lb / 70 kg	BTUs per hour: 5,200

Refrigerant: R-404A



Accessories

Model Number	Description
KVS	Vari-Smart™ Ice Level Control – Precisely control ice levels using ultrasonic technology.
KBILC	Basic Ice Level Control – Thermistor technology, ideal for dispenser applications.
KSBU	Smart-Board™ Advanced Control – Use additional operational data for fast diagnosis.
KSBU-N	Smart-Board™ Advanced Control with Network – Network capable.
KPAS	Prodigy Advanced Sustainability Kit – Includes KVS and KSBU – N
XR-30	XSafe® Sanitation System for Modular Cube -Continuous operation, field-installed



Operating Requirements

	Minimum	Maximum
Air Temperatures	50°F (10°C)	100°F (38°C)
Water Temperatures	40°F (4.4°C)	100°F (38°C)
Remote Cond. Temps	-20°F (-29°C)	120°F (49°C)
Potable Water Pressure	20 PSIG (1.4 bar)	80 PSIG (5.5 bar)
Electrical Voltage	-5%	10%
Cond. Water Pressure	20 PSIG (1.4 bar)	230 PSIG (16.1 bar)

Specifications and design are subject to change without notice.

B322S, B330P, B530P/S, B842S, B948S – Storage Bins



B530S shown with optional KLP8S legs.

Features

- New sleek, contemporary styling. A perfect match to Prodigy Plus cube ice machines and other Scotsman ice machines.
- Convenient, built-in scoop holder.
- Easily removable baffle, no tools required for cleaning.
- Lightweight.
- Unique recessed drain fitting for maximum installation flexibility.
- Corrosion resistant.
- Spring loaded door with hidden hinges for easy opening and closing (except for B230P).
- Available in metallic finish or durable rotocast plastic.
- Ice scoop included.



Certification





Storage Capacity

B322S	B330P	B530P/S	B842S	B948S
Application	Application	Application	Application	Application
Capacity	Capacity	Capacity	Capacity	Capacity
370/168	344/156	536/244	778/353	893/406
lb/kg	lb/kg	lb/kg	lb/kg	lb/kg

Application capacity is based on 90% of total volume in cubic feet x 34 lb/ft



Polyurethane Insulation

Foam insulation is forced between the wall and liner under heat and pressure to form a perfect wall to wall bond, preserving ice supply for long periods.



Bin Interior

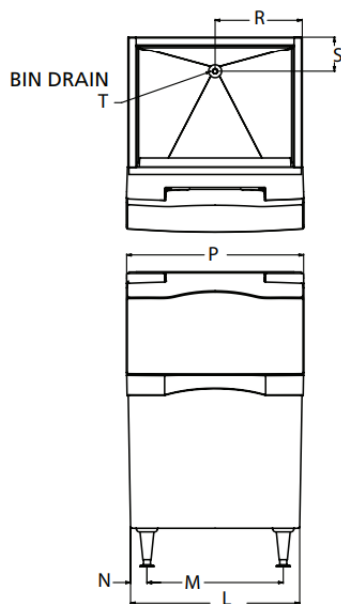
The polyethylene bin interior is sanitary and easy to clean. Resists scratches and scuffs from ice scoops.



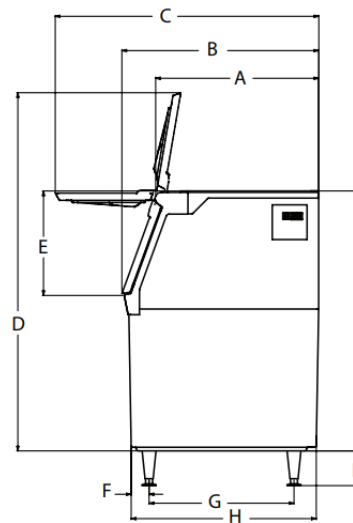
Warranty

- 3 years parts and labor on all components.
- Warranty valid in North, South & Central America for commercial installations.
- Contact factory for warranty in other regions.
- Residential Applications: 1 year parts and labor

B322S, B330P , B530P/S, B842S, B948S – Storage Bins



Installation Note: Allow 6" space at back for utility connections.



Dimensions

Model #	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T
B322S	28.23	34	45.5	61.24	18	3.88	25	32.75	44	6	22	15.5	3.25	22.5	11	6	.75 NPT
B330P	28.15	34	45.5	47.24	18	3.33	25	32.42	31	6	30	23.5	3.08	30.5	15	6	.75 NPT
B530P/S	28.15	34	45.5	61.24	18	3.09	25	31.93	44	6	30	23.5	2.83	30.5	15	6	.75 NPT
B842S	28.07	34	45.5	61.87	18	3.88	25	32.75	44	6	42	35.5	3.25	42.5	21	6	.75 NPT
B948S	28.05	34	45.5	61.24	18	3.88	25	32.75	44	6	48	41.5	3.25	48.5	24	6	.75 NPT



Overall Dimensions

Model #	Carton (W x D x H)*
B948S	22" x 34" x 44"
B322S	30" x 34" x 31"
B330P	30" x 34" x 44"
B530P	30" x 34" x 44"
B530S	42" x 34" x 44"
B842S	48" x 34" x 44"

* Add 6" Height for bin legs.



Shipping Information

Model #	Carton (W x D x H)	Weight (lb/kg)
B322S	26" x 36" x 49"	140/64
B330P	33" x 36" x 35"	90/41
B530P	33" x 37" x 49"	110/50
B530S	33" x 37" x 49"	150/68
B842S	45" x 36" x 49"	190/86
B948S	51" x 36" x 49"	209/95



Accessories*

Model Number	Description
KBC1	Kit, bit casters for B530S, B842S, B948S and SB380.** Not for use with B322S or SB 480 when using extensions.
KBC1P	Kit, bin casters for B330P and B530P.**
KLP7	Kit, legs, 6", flanged feet, for B bins, HD dispensers, AFE, CU1/2/3 and NSE.
KLP8S	Kit, legs, 6", stainless steel, for B bins, HD dispensers, AFE, CU1/2/3 and NSE.
BGS10	Kit, scoop holder, stainless steel.
KBAG	Bagger, hooks on any bin.
KSEALER	Kit, bags, 1000, for BGS10.
KTAPE	Kit, tape sealer, for BGS10.
KHOLDER	Kit, tape, 180 ft. roll, for BGS10.

Scotsman®

SIS-SS-PE-MC0330 09-22

101 Corporate Woods Parkway, Vernon Hills, IL 60061

1-800-SCOTSMAN Fax: 847-913-9844

www.scotsman-ice.com

customer.relations@scotsman-ice.com

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Documents / Resources



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