

PRODIGY[™]
ELITE

MC0630 - 600lb Cube Ice Machine

Prodigy ELITE[®] Modular Cube Ice Machine

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.



Compatible with ICELINQ[®]



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



Intelligent sensor technology maximizes efficiency and lowers operating costs



24 Hour Volume Production

Air Cooled		Remote		Water Cooled	
70°F/21°C 50°F/10°C	Air Water	90°F/32°C 70°F/21°C	70°F/21°C 50°F/10°C	Air Water	90°F/32°C 70°F/21°C
582/265 lb/kg		479/218 lb/kg	614/279 lb/kg	540/245 lb/kg	603/274 lb/kg
				536/244 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
B842S	42 x 34 x 44	536/244	Metallic	190/86



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)



Certification



CERTIFIED
ISO
9001:2015



agion
Nature's antimicrobial



ICELINQ[®]



Warranty

- 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

Scotsman[®]

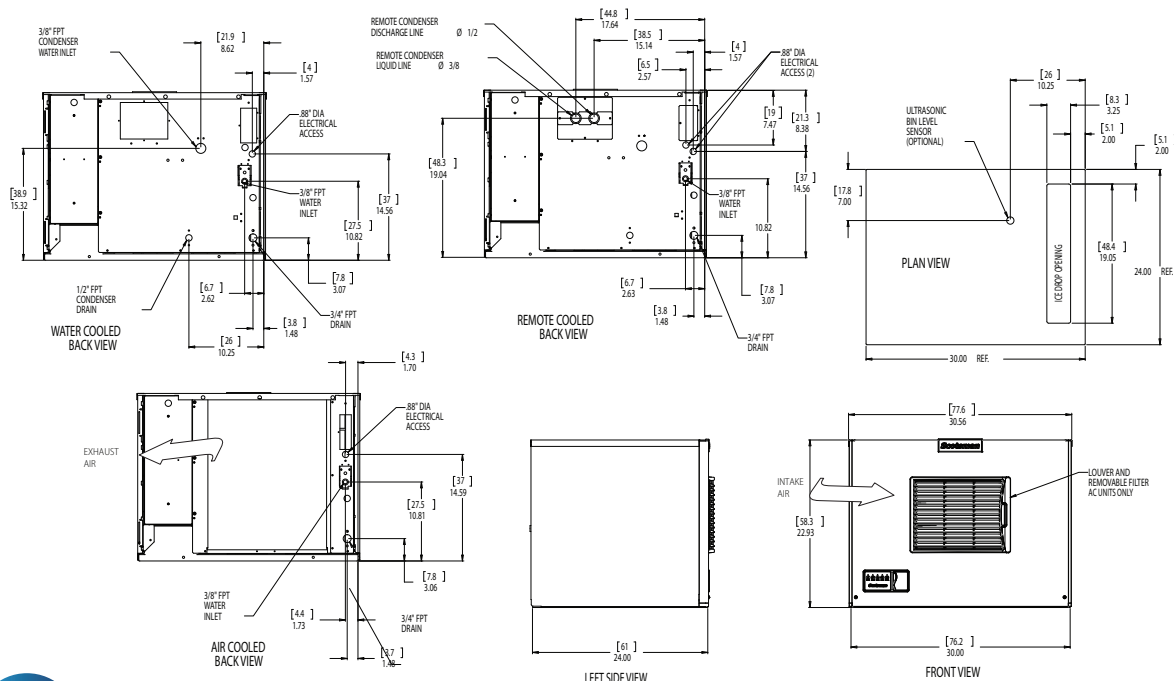
101 Corporate Woods Parkway, Vernon Hills, IL 60061

1-800-SCOTSMAN | Fax: 847-913-9844 | www.scotsman-ice.com | customer.relations@scotsman-ice.com

MC0630 - 600lb Cube Ice Machine

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Prodigy ELITE® Modular Cube Ice Machine



Specifications

							Water Usage			
Model Number	Condenser Unit	Basic Electrical	Max. Fuse Size	Circuit	Min. Circuit	Energy Consumption	Gallons/100 lb (liters/45.4 kg)			
Cube Size: medium or small		Volts/Hz/Phase	or HACR Circuit Breaker (amps)	Wires	Ampacity	kWh/100 lb (45.4 kg) 90°F(32°C)/70°F(21°C)	Potable 90°F(32°C)/70°F(21°C)	Condenser 90°F(32°C)/70°F(21°C)	Energy Star	
med.	MC0630MAX-1	Air	115/60/1	20	2	18.3	5.18	17.6/66.9	-	
	MC0630MAX-32	Air	208-230/60/1	15	2	9.5	5.18	17.6/66.9	-	
	MC0630MR-1	Remote	115/60/1	20	2	20.0	5.35	18.0/68.2	-	
	MC0630MR-32	Remote	208-230/60/1	15	2	10.8	5.35	18.0/68.2	-	✓
	MC0630MWX-32	Water	208-230/60/1	15	2	8.6	3.70	17.2/65.4	155.0/589.0	
sm.	MC0630SAX-1	Air	115/60/1	20	2	18.3	5.18	17.6/66.9	-	
	MC0630SAX-32	Air	208-230/60/1	15	2	9.5	5.18	17.6/66.9	-	
	MC0630SR-32	Remote	208-230/60/1	15	2	10.8	5.35	18.0/68.2	-	✓
	MC0630SWX-32	Water	208-230/60/1	15	2	8.6	3.70	17.2/65.4	155.0/589.0	



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: 190 lb / 86 kg
BTUs per hour: 12,700

Model Number	Refrigerant	Refrigerant Charge (oz)
MC0630MAX-1	R290	6.5
MC0630MAX-32	R290	6.5
MC0630MR-1	R-404A	160
MC0630MR-32	R-404A	160
MC0630MWX-32	R290	6.5
MC0630SAX-1	R290	6.5
MC0630SAX-32	R290	6.5
MC0630SR-32	R-404A	160
MC0630SWX-32	R290	6.5



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.
KSBUS	Smart-Board™ Advanced Control - Use additional operational data for fast diagnosis.
KSBUN	Smart-Board™ Advanced Control with Network - Network capable.
ERC311-32	Remote condenser for MC0630xR, 115/60/1 - Consult remote condenser spec sheet for details.
BRTE10	10ft (3.0 m) line set, brazing required
BRTE25	25ft (7.6 m) line set, brazing required
BRTE40	40ft (12.2 m) line set, brazing required
BRTE75	75ft (22.9 m) line set, brazing required
KPAS	Prodigy Advanced Sustainability Kit - Includes KVS and KSBUN - N
XR-30	XSafe® Sanitation System for Modular Cube - Continuous operation, field-installed.

Scotsman recommends all ice machines have water filtration. See Scotsman water filter specification sheet for details.



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)
Cond. Water Pressure	20 PSIG (1.4 bar)	230 PSIG (16.1 bar)
Electrical Voltage	-5%	+10%

Specifications and design are subject to change without notice.



Water Filters

SSM Plus and Aqua Patrol Plus® Water Filtration Systems

Features

SSM Plus

- Extends the life of your Scotsman machine and provides cleaner, more consistent ice.
- Now with AquaArmor with AgION®, a silver-based anti-microbial compound that reduces the growth of bacteria, microorganisms, algae, mold and slime on ice machine surfaces, preventing premature clogging.
- Ultrafine half-micron filtration, combined with food-grade polyphosphate, assures that chlorine, off-tastes, odors and particles stay out of your ice.
- Filtration can reduce unscheduled water-related maintenance calls by as much as 40%.
- Easy to install and maintain.

AquaPatrol Plus®

- Leaves chlorine in water to keep machine cleaner longer.
- Polyphosphate feed to inhibit scale build up.
- Easy to install and maintain.
- Tighter pore size now eliminates more undesirable compounds.
- New smaller footprint gives operations more flexibility.

NSF International Standards

Standard No. 42: Aesthetic Effects

Chemical Unit

- Chlorine reduction, class 1
- Taste and odor reduction

Mechanical Filtration Unit

- Particle reduction, class 1
- 99.9% reduction of particles
- 1/2 micron and larger sizes

Standard No. 53: Health Effects

Mechanical Filtration Unit

- Turbidity reduction
- Cyst reduction
- Asbestos reduction

The SSM and AquaPatrol Plus filter and replacement cartridge have been tested and listed by NSF only for the functions listed above. Check for compliance with state and local law and regulations. Do not use where the water is micro-biologically unsafe, or with water of unknown quality without adequate disinfection before or after the unit. Can be used on water that may contain filterable cysts.



SSM3-P



AP3-P



Certification



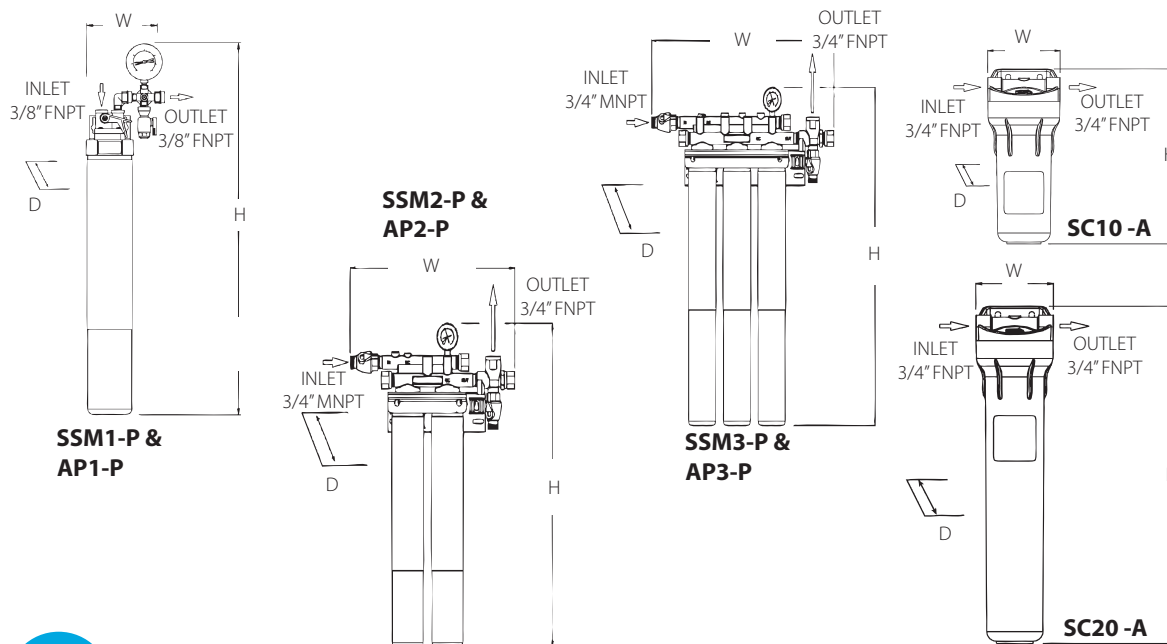
Warranty

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

Scotsman®

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Water Filters



Specifications

	Model Number	Dimensions			Description	Maximum Flow (gallons/minute)
		W	D	H		
SSM Plus	SSM1-P	5.6	4.75	30.5	Single System for Cubers up to 650 lb (295 kg) and flakers, nuggets and nugget dispensers up to 1,200 lb (544 kg).	1.67
	SSM2-P	16.6	5.5	29.26	Double System for Cubers up to 650 lb (295 kg) and flakers, nuggets and nugget dispensers up to 1,200 lb (544 kg).	3.34
	SSM3-P	21	5.5	29.26	Triple System for Cubers over 1,300 lb (544 kg)	5.01
AquaPatrol Plus®	AP1-P	5.6	4.75	21.5	Single System for Cubers up to 650 lb (295 kg) and flakers, nuggets and nugget dispensers up to 1,200 lb (544 kg).	2.1
	AP2-P	16.6	5.5	19.26	Double System for Cubers up to 650 lb (295 kg) and flakers, nuggets and nugget dispensers up to 1,200 lb (544 kg).	4.2
	AP3-P	21	5.5	19.26	Triple System for Cubers over 1,300 lb (544 kg)	6.3
Coarse Pre-Filter	SC10-A	5.16	5.5	12.44	Single System for Cubers up to 650 lb (295 kg) and flakers, nuggets and nugget dispensers up to 1,200 lb (544 kg).	5
	SC20-A	5.16	5.5	22.44	Single System for Cubers up to 650 lb (295 kg) and flakers, nuggets and nugget dispensers up to 1,200 lb (544 kg).	10



Shipping

Model Number	Dimensions	Weight (lb/kg)
SSM1-P:	21" x 10" x 6"	7/3
SSM2-P:	26" x 16" x 13"	11/5
SSM3-P:	26" x 16" x 13"	16/7
AP1-P:	10" x 21" x 6"	7/3
AP2-P:	16" x 26" x 13"	11/5
AP3-P:	16" x 26" x 13"	16/7
SC10-A:	6" x 6" x 17"	5/2
SC20-A:	6" x 6" x 26"	11/5



Accessories

Model Number	Description
SC10RC40	SC10 Replacement Filter (package of 40)
SC20RC20	SC20 Replacement Filter (package of 20)
SSMRC1	Replacement Cartridge for SSM Plus (package of 1)
SSMRC6	Replacement Cartridge for SSM Plus (package of 6)
APRC6-P	Replacement Cartridge for AquaPatrol Plus® (package of 6)
APRC1-P	Replacement Cartridge for AquaPatrol Plus® (package of 1)

Scotsman recommends all ice machines have water filtration.



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)
Water Pressures	20 PSIG (1.4 bar)	80 PSIG (5.5 bar)

Specifications and design are subject to change without notice.