

**PRODIGY<sup>®</sup>**  
**ELITE**

# MC0522 - 500lb Cube Ice Machine

Prodigy ELITE<sup>®</sup> Modular Cube Ice Machine

## ENHANCED RELIABILITY

### Integrated ICELINQ<sup>®</sup> 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<sup>™</sup> Panel

The AutoAlert<sup>™</sup> 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<sup>®</sup>



The ICELINQ<sup>®</sup> app simplifies interaction with machine via Bluetooth<sup>®</sup> connection



Intelligent sensor technology maximizes efficiency and lowers operating costs



## 24 Hour Volume Production

| Air Cooled             |                  | Water Cooled           |                  |
|------------------------|------------------|------------------------|------------------|
| 70°F/21°C<br>50°F/10°C | Air<br>Water     | 90°F/32°C<br>70°F/21°C | Air<br>Water     |
| 464/211<br>lb/kg       |                  | 510/232<br>lb/kg       |                  |
|                        | 342/155<br>lb/kg |                        | 352/160<br>lb/kg |



## Modular Bin Options

| Model Number* | Dimensions W" x D" x H" | Bin Application Capacity lb/kg | Finish   | Ship Weight lb/kg |
|---------------|-------------------------|--------------------------------|----------|-------------------|
| B322S         | 22 x 34 x 44**          | 370/168                        | Metallic | 140/64            |



B322S

\* 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<sup>®</sup>  
Nature's antimicrobial



ICELINQ<sup>®</sup>



## 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<sup>®</sup>**

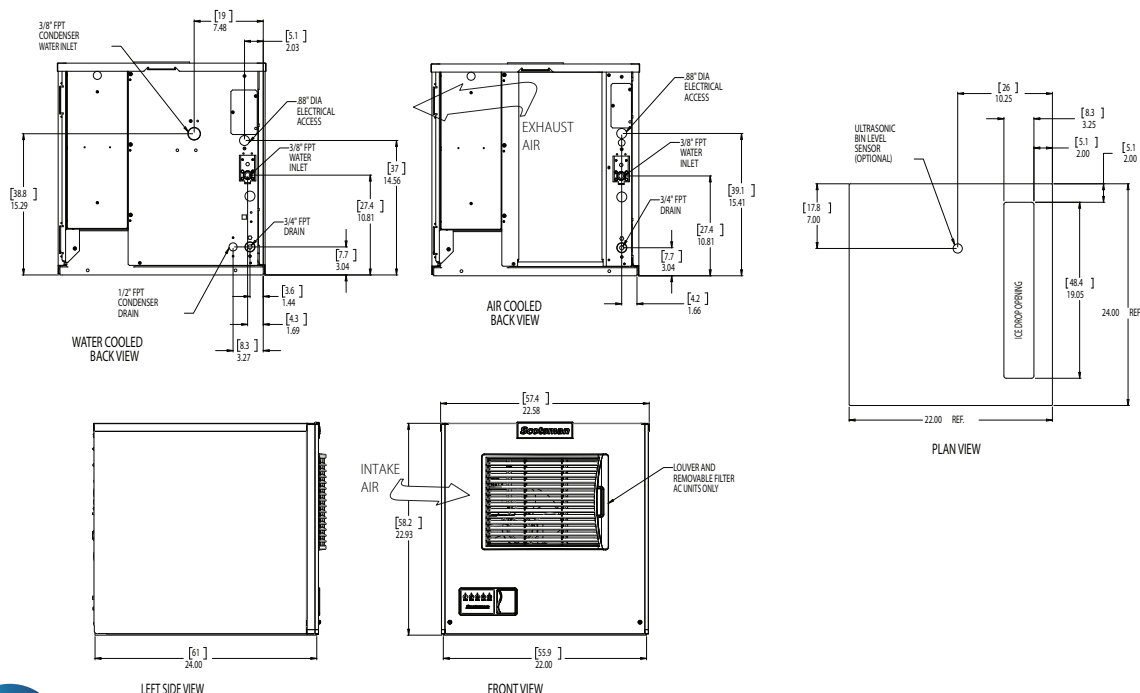
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MC0522 - 500lb Cube Ice Machine

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Prodigy ELITE® Modular Cube Ice Machine



## Specifications

| Model Number     | Condenser Unit | Basic Electrical<br>Volts/Hz/Phase | Max. Fuse Size<br>or HACR Circuit<br>Breaker (amps) | Circuit<br>Wires | Min. Circuit<br>Ampacity | Energy Consumption<br>kWh/100 lb (45.4 kg)<br>90°F(32°C)/70°F(21°C) | Water Usage<br>Gallons/100 lb (liters/45.4 kg) |                                    |
|------------------|----------------|------------------------------------|-----------------------------------------------------|------------------|--------------------------|---------------------------------------------------------------------|------------------------------------------------|------------------------------------|
|                  |                |                                    |                                                     |                  |                          |                                                                     | Potable<br>90°F(32°C)/70°F(21°C)               | Condenser<br>90°F(32°C)/70°F(21°C) |
| med. MC0522MAX-1 | Air            | 115/60/1                           | 15                                                  | 2                | 11.1                     | 5.09                                                                | 18.7/71.1                                      | -                                  |
| MC0522MWX-1      | Water          | 115/60/1                           | 15                                                  | 2                | 9.5                      | 4.10                                                                | 17.5/66.5                                      | 203.0/771.4                        |
| MC0522MAX-32     | Air            | 208-230/60/1                       | 15                                                  | 2                | 5.9                      | 5.09                                                                | 18.7/71.1                                      | -                                  |
| sm. MC0522SAX-1  | Air            | 115/60/1                           | 15                                                  | 2                | 11.1                     | 5.09                                                                | 18.7/71.1                                      | -                                  |
| MC0522SWX-1      | Water          | 115/60/1                           | 15                                                  | 2                | 9.5                      | 4.10                                                                | 17.5/66.5                                      | 203.0/771.4                        |
| MC0522SAX-32     | Air            | 208-230/60/1                       | 15                                                  | 2                | 5.9                      | 5.09                                                                | 18.7/71.1                                      | -                                  |
| MC0522SWX-32     | Water          | 208-230/60/1                       | 15                                                  | 2                | 5.0                      | 4.10                                                                | 17.5/66.5                                      | 203.0/771.4                        |



## All Models

### Dimensions (W x D x H):

Unit: 22" x 24" x 23"  
(55.9 x 61.0 x 58.4 cm)

Shipping Carton: 26" x 28" x 29"  
(66 x 71.1 x 73.7 cm)

Shipping Weight: 160 lb / 73 kg      BTUs per hour: 7,900

| Model Number | Refrigerant | Refrigerant Charge (oz) |
|--------------|-------------|-------------------------|
| MC0522MAX-1  | R290        | 6.5                     |
| MC0522MWX-1  | R290        | 5.25                    |
| MC0522MAX-32 | R290        | 6.5                     |
| MC0522SAX-1  | R290        | 6.5                     |
| MC0522SWX-1  | R290        | 5.25                    |
| MC0522SAX-32 | R290        | 6.5                     |
| MC0522SWX-32 | R290        | 5.25                    |



## 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.        |

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.

# Scotsman®

## B322S, B330P, B530P/S, B842S, B948S - Storage Bins

### Modular 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 Capacity | Application Capacity | Application Capacity | Application Capacity | Application Capacity |
| 370/168 lb/kg        | 344/156 lb/kg        | 536/244 lb/kg        | 778/353 lb/kg        | 893/406 lb/kg        |

Application capacity is based on 90% of total volume in cubic feet x 34 lb/ft<sup>3</sup>



### 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.



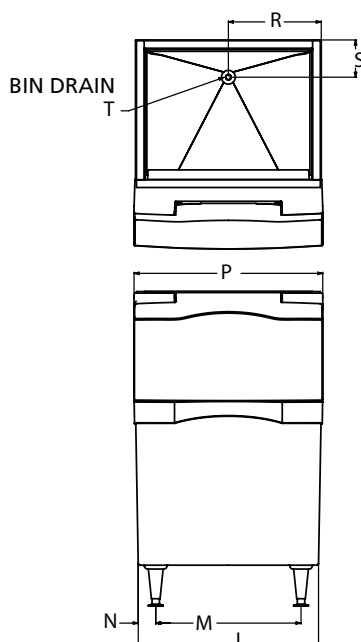
### Warranty

- 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

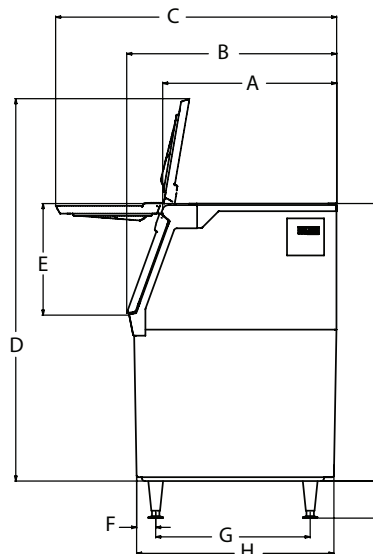
# Scotsman®

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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)* |
|---------|---------------------|
| B322S   | 22" x 34" x 44"     |
| B330P   | 30" x 34" x 31"     |
| B530P   | 30" x 34" x 44"     |
| B530S   | 30" x 34" x 44"     |
| B842S   | 42" x 34" x 44"     |
| B948S   | 48" x 34" x 44"     |

\* Add 6" Height for bin legs.



### Accessories\*

| Model Number | Description                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------------------|
| KBC1         | Kit, bit casters for B530S, B842S, B948S and SB380.** Not for use with B322S or SB480 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        | Bagger, hooks on any bin.                                                                                    |
| KBAG         | Kit, bags, 1000, for BGS10.                                                                                  |
| KSEALER      | Kit, tape sealer, for BGS10.                                                                                 |
| KTAPE        | Kit, tape, 180 ft. roll, for BGS10.                                                                          |
| KHOLDER      | Kit, scoop holder, stainless steel.                                                                          |

\*\*3.5" Diameter, 2 locking, raises bin 4.5".



### 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         |



# 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



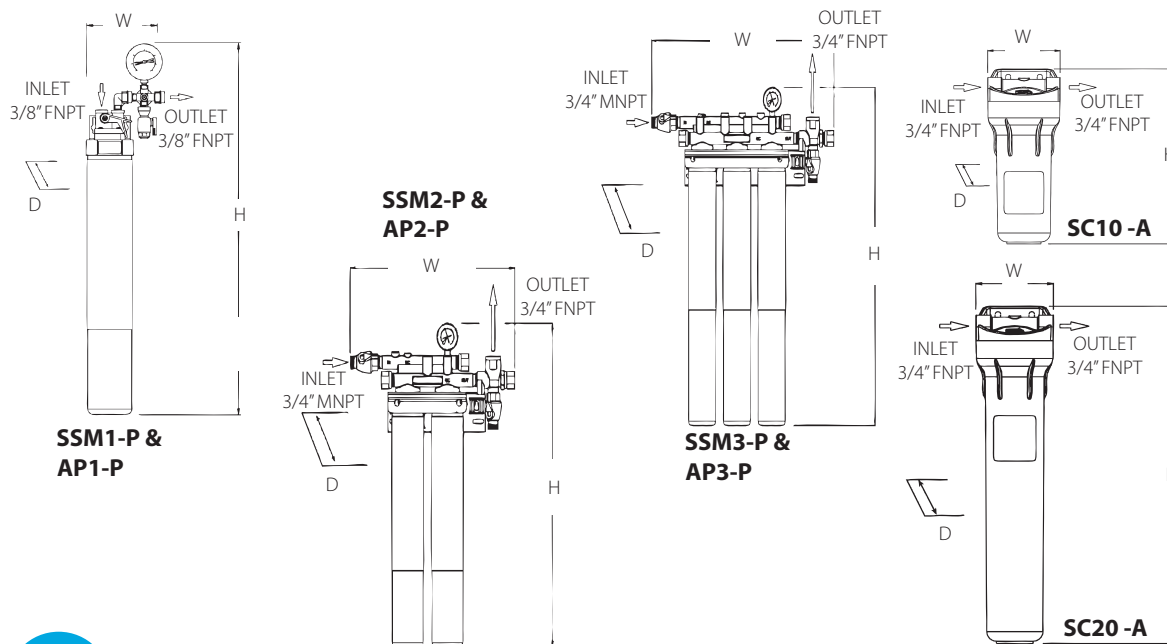
## Warranty

- 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

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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.